

25. Agriculture—Production and Related Subjects

The data in this section are, for the most part, from the Bureau of the Census, Department of Commerce, and from various bureaus in the United States Department of Agriculture. In general, statistics for agriculture census years are from the Bureau of the Census. Estimates for intervening years, and adjustments, where necessary, to a January 1 basis are from the Bureau of Agricultural Economics, United States Department of Agriculture.

The most extensive of the current survey data are gathered by the Bureau of Agricultural Economics from questionnaires handled in cooperation with the Post Office Department through its rural mail carriers. These surveys obtain livestock data in June and December and crop acreage data in October. For each survey the rural carrier distributes 10 to 20 cards to farmers on his route. The farmer is asked to complete his questionnaire for his own farm and return the card to his mail box.

In the data prepared by the Bureau of Agricultural Economics, estimates of crop acreage and production for the census years are set up currently on available information. Later, if necessary, these data are revised to a level based largely on the census enumerations. The estimates for intercensal years are based on sample data obtained each year from individual reporters. This information is supplemented by other data, such as State assessors' enumerations of agricultural information, crop meter frontage measurements, reports of carlot shipments, warehouse receipts, local surveys, personal observations by field statisticians as well as reports from other sources having a knowledge of farming, agricultural production, and processing. Cotton acreage and production are also based on sample data and, in large measure, on ginning information gathered by the Bureau of the Census. Usually, all known sources of information pertaining to agriculture in general, from the farm to the consumer's household are tapped for basic facts used in compiling current statistics on agriculture.

For each decade from 1840 through 1900, the Census of Agriculture was taken as of June 1. The four decennial censuses since then have been taken as of April 15, 1910; January 1, 1920; April 1, 1930; and April 1, 1940. The 1925, 1935, and 1945 quinquennial Censuses of Agriculture were taken as of January 1. Comparison of inventory numbers of livestock from census to census is seriously affected by a change in the date of enumeration. From January to April there are material changes in numbers on hand in most parts of the country due to births, marketings, farm slaughter, etc. In an effort to obtain as much comparability as possible the 3 censuses taken in April either excluded recently born animals from the enumeration or provided for their enumeration in a separate age group. Volume II of the 1945 Census of Agriculture Reports shows a complete history of the enumeration of livestock and presents a discussion of the comparability from census to census.

For most kinds of domestic livestock, there are comparatively short, cyclic fluctuations in numbers, even though the trend over a long period of time may be definitely in one direction. A single census may be taken at a time when such a cycle is at the peak or at the trough of numbers and hence gives no true indication of the long-time trend.

Annual inventory numbers of livestock on farms prepared by the Department of Agriculture together with estimates of livestock, dairy, and poultry production are based on information furnished by individual farmers, supplemented by State assessors' data in a number of States, and by such records as brand inspections, rail and truck shipments, and inspected slaughter. The level for these inventories is based in large part on census enumerations for years when census data are available.

Information on prices received by farmers for products they sell and prices paid for articles they buy for production and family living are obtained from about 35,000 farmers, local merchants, and handlers of agricultural products. Season average prices received by farmers are calculated by weighting midmonth prices by monthly sales during the crop marketing season, beginning with the first month when a particular crop harvest begins.

The index numbers of prices received and of prices paid by farmers are based on current midmonth prices for these commodities. For information concerning methods of construction of the indexes, see Supplement No. 1 to the January 1950 issue of *Agricultural Prices*, issued by the Bureau of Agricultural Economics. The ratio of the index of prices received to the index of prices paid by farmers measures the monthly variation in the average per unit exchange value of farm products in terms of commodities and services bought by farmers. See tables 681 and 682, p. 580, for indexes of prices received and paid by farmers.

Data on imports and exports are now compiled by the Department of Commerce, Bureau of the Census, and are published in the annual report, *Foreign Commerce and Navigation of the United States*. (See section 31, Foreign Commerce.) The official trade statistics based on the fiscal year are usually preferable to data presented on a calendar year basis, for use in comparing imports and exports with crop production since, for most crops, they coincide more nearly with the crop year.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series E 72") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 701.—FARM PRODUCTION INDEXES AND ACREAGE OF 52 CROPS: 1929 TO 1950
 [See also *Historical Statistics*, series E 72-75]

ITEM	1929	1930	1935	1940	1945	1946	1947	1948	1949	1950
INDEXES OF VOLUME OF PRODUCTION 1935-39=100										
Gross farm production ¹	101	98	97	108	123	126	121	131	129	126
Farm output for human use.....	97	95	96	110	120	134	129	141	140	137
Farm produced, horse and mule power.....	124	120	105	92	76	71	64	59	53	48
Product added by livestock; ²										
Total livestock.....	101	102	95	107	130	125	124	120	126	128
Livestock, exc. horses and mules.....	97	99	94	110	130	135	134	131	139	142
Crops and pasture, total ³	100	96	97	108	120	127	120	136	131	126
Feed grains, hay, and pasture.....	103	94	103	111	124	128	109	135	128	128
Food grains.....	106	115	84	107	142	146	173	167	147	133
Truck crops.....	86	80	94	111	125	141	132	137	134	134
Vegetables, exc. truck crops.....	92	94	107	102	111	128	108	121	112	116
Fruits and tree nuts.....	86	84	104	108	111	131	125	113	123	123
Sugar crop.....	72	83	90	102	94	103	109	92	96	116
Cotton and cottonseed.....	113	106	81	96	69	66	90	113	121	75
Tobacco.....	103	112	60	99	136	159	145	135	136	139
Oil crops.....	60	66	98	165	274	265	282	343	311	366
Production for sale and for home consumption, total.....	99	98	91	110	134	137	136	138	140	137
Livestock and products, total ⁴	99	99	93	112	141	138	137	130	136	139
Meat animals.....	103	100	90	118	147	145	145	134	139	137
Poultry and eggs.....	100	106	92	112	170	160	167	153	169	182
Dairy products.....	93	94	98	105	119	119	117	114	117	119
Crops, total ⁵	98	96	80	107	122	134	135	152	146	135
Food grains.....	113	109	81	110	155	164	197	189	164	146
Feed grains and hay.....	103	83	91	114	144	172	131	207	185	186
Cotton and cottonseed.....	113	105	81	95	68	66	91	115	125	76
Oil-bearing crops.....	62	68	96	171	291	277	309	367	336	380
Tobacco.....	105	113	89	101	137	160	145	136	136	140
Truck crops.....	87	91	92	111	142	152	140	143	144	147
Fruits and tree nuts.....	73	89	95	110	113	133	126	115	122	122
Vegetables.....	90	90	104	101	110	128	107	124	117	118
Sugar crops.....	74	85	80	104	94	103	110	91	93	114
AGGREGATE ACREAGE, 52 CROPS										
Planted or grown (1,000 acres).....	363,028	360,550	361,889	347,826	356,910	354,750	358,644	363,788	370,005	357,797
Harvested (1,000 acres).....	355,205	359,896	336,050	331,506	346,510	344,991	349,018	352,397	356,868	341,036

¹ Measures calendar-year production of all crops and pasture consumed by all livestock, and the product added in conversion of feed and pasture into livestock and livestock products for human use and into farm-produced horse and mule power.

² Estimated value, at 1935-39 average prices, of all feed (including commercial feeds) and pasture consumed by each class of livestock subtracted from total value, at 1935-39 average prices, of livestock and livestock products.

³ Includes miscellaneous crops not included in groups shown.

⁴ Volume of sales and home consumption during calendar year.

⁵ Total crop production, minus quantities retained for seed or seed and quantities not harvested or lost.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*.

No. 702.—AGRICULTURAL PRODUCTS EXPORTED—VALUE, BY MAJOR GROUPS:
1921 TO 1950

[In millions of dollars. Excludes reexports of foreign products]

PERIOD	Total agricultural exports	Animals and products, edible	Dairy products and eggs	Grains and preparations	Vegetables, fruits, and nuts	Miscellaneous animal and vegetable products	Cotton	To-bacco
1921-1925, average	2,013.2	283.2	38.8	474.3	102.0	145.3	805.0	164.6
1926-1930, average	1,601.6	180.8	28.6	318.6	144.3	105.1	765.7	144.5
1931-1935, average	731.7	63.9	6.9	55.4	94.4	40.8	366.5	103.7
1936-1940, average	701.2	44.6	8.0	104.6	91.4	59.2	282.9	109.8
1941-1945, average	1,654.4	490.7	376.6	174.0	170.7	163.0	151.7	137.7
1944	2,096.3	700.1	503.6	150.6	232.0	180.0	114.6	146.4
1945	2,253.9	397.4	425.2	444.2	282.8	186.8	278.7	238.8
1946	3,140.0	446.6	460.2	788.8	814.6	250.5	638.2	351.2
1947	3,130.9	234.4	328.7	1,242.6	321.6	209.4	423.2	270.7
1948 ¹	8,419.0	136.3	255.0	1,704.7	380.1	247.5	511.0	214.5
1949 ¹	3,568.5	151.2	200.5	1,457.4	243.5	389.7	374.2	251.9
1950 ¹	2,853.1	113.8	102.8	833.0	179.0	348.0	1,024.5	250.2

¹ Effective 1948, includes shipments under Army Civilian Supply Program.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 703.—AGRICULTURAL PRODUCTS EXPORTED—VALUE OF CHIEF PRODUCTS:
1926 TO 1950

[In millions of dollars. Excludes reexports of foreign products]

PRODUCTS	1926-1930, average	1931-1935, average	1936-1940, average	1941-1945, average	1946	1947	1948 ¹	1949 ¹	1950 ¹
Total	1,691.6	731.7	701.2	1,654.4	3,140.0	3,130.9	3,419.9	3,668.5	2,853.1
Live animals	5.8	1.5	1.8	3.5	28.4	11.2	7.2	7.0	7.2
Meats	71.4	23.7	21.3	373.2	335.7	114.4	47.8	42.0	32.3
Eggs and dairy products	23.6	6.9	8.6	376.6	450.2	338.7	255.9	200.5	102.8
Animal fats and oils	116.1	37.0	18.2	109.2	95.3	111.4	89.0	134.5	112.1
Hides and skins	9.0	3.2	4.5	1.1	11.8	22.6	11.6	21.0	11.6
Bread grains ²	242.5	40.4	58.6	112.6	632.4	894.0	1,429.9	1,025.1	499.7
Coarse grains	69.0	9.3	38.8	30.5	92.0	254.5	188.0	341.8	248.8
Rice	10.8	4.7	6.9	30.2	61.5	92.1	85.9	90.1	85.0
Fodders and feeds	27.2	9.3	9.5	3.9	4.9	26.5	14.1	33.0	16.6
Vegetables	18.7	8.0	13.2	50.0	75.2	94.4	82.0	62.0	52.5
Fruits and preparations	120.8	83.2	74.0	83.8	153.3	160.1	113.4	100.9	111.5
Vegetable oils (expressed), oil-seeds, and nuts	12.1	6.5	11.3	46.1	55.1	98.3	166.7	240.1	165.7
Coffee and substitutes	4.9	1.9	2.2	1.2	9.1	6.9	7.6	7.8	5.1
Sugar and related products	13.0	4.8	8.1	26.8	45.8	33.4	16.1	8.5	29.1
Seeds, except oilseeds	3.5	1.9	2.5	18.0	23.7	19.2	18.0	12.0	7.0
Tobacco	144.5	103.7	109.8	137.7	351.2	270.7	214.5	251.9	250.2
Cotton	765.7	366.5	282.9	161.7	538.2	423.2	511.0	874.2	1,024.5
Wool and hair	2.3	1.5	2.1	6.8	9.8	8.5	3.6	18.4	10.4
All other	33.9	17.6	27.1	87.5	105.4	150.3	162.8	100.2	81.1

¹ Effective 1948, includes shipments under Army Civilian Supply Program.² Wheat and rye; flour and flour products.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 704.—AGRICULTURAL PRODUCTS EXPORTED—INDEXES OF QUANTITY: 1938 TO 1950

[January 1924—December 1929=100. Average of monthly index not adjusted for seasonal variation]

YEAR ENDING JUNE 30—	Total ¹	Cotton, including linters	Agricultural, except cotton	Tobacco, unmanufactured	Fruits	Wheat and flour	Other grains	Cured pork	Lard, including neutral
1938.....	70	70	70	94	114	58	141	16	24
1939.....	57	43	70	95	137	63	95	21	30
1940.....	63	77	50	67	88	29	58	17	33
1941.....	25	15	34	35	38	22	46	7	24
1942.....	49	14	82	61	62	19	51	70	84
1943.....	55	15	92	62	52	18	36	81	70
1944.....	67	15	115	74	70	27	39	75	106
1945.....	64	20	105	97	69	31	49	38	109
1946.....	96	43	146	110	75	175	70	6	57
1947 ²	100	46	151	122	90	201	168	8	41
1948 ²	90	24	151	83	89	266	109	2	43
1949 ²	109	56	158	92	66	278	165	4	62
1950.....	97	68	124	101	63	172	180	6	69

¹ Based on data for 74 agricultural export classifications.² Beginning January 1947, includes exports under various special programs including ECA.

Source: Department of Agriculture, Office of Foreign Agricultural Relations; annual report, Agricultural Statistics. Compiled from official records of Bureau of Census.

No. 705.—AGRICULTURAL PRODUCTS IMPORTED—VALUE, BY MAJOR GROUPS: 1931 TO 1950

[In millions of dollars. General imports through 1932, imports for consumption thereafter. Excludes distilled liquors and candy]

GROUP	1931-35, average	1936-40, average	1941-45, average	1946	1947	1948	1949	1950
Agricultural imports, ¹ total.....	1,249.1	1,596.7	2,297.5	2,754.2	3,150.3	2,894.3	3,985.2	3,817.6
Commodities listed, total.....	822.3	1,177.9	1,528.0	2,153.2	2,628.1	3,008.8	2,765.7	3,140.7
Animals and products, edible.....	16.1	45.7	52.4	49.2	37.1	109.4	135.9	188.3
Dairy products and eggs.....	14.2	14.2	5.8	11.8	7.0	14.8	21.1	31.0
Hides and skins, except reptile.....	38.6	50.1	66.2	71.0	88.8	105.5	60.9	113.9
Animal fats, inedible.....	3.5	1.1	2.7	.3	.2	.2	.8	.5
Grains and preparations.....	23.2	44.3	112.3	24.8	6.5	28.9	75.3	77.6
Fodders and feeds.....	6.7	11.3	16.4	20.5	12.6	18.9	24.1	33.4
Vegetables, fruits, nuts.....	66.3	70.3	63.0	195.2	188.7	220.7	190.3	215.2
Vegetable oils (expressed) and oilseeds.....	71.7	112.9	84.4	126.2	256.7	254.4	165.0	214.0
Cocoa, coffee, tea, spices.....	188.4	204.1	347.5	593.1	819.6	970.6	1,007.6	1,390.7
Sugar and related products.....	122.0	152.1	207.6	215.5	440.4	359.1	395.2	404.3
Beverages, excluding spirits.....	6.1	11.4	14.0	31.0	13.2	16.6	18.1	23.6
Crude rubber.....	74.6	206.3	151.8	235.7	318.2	300.2	240.3	458.8
Tobacco, unmanufactured.....	27.1	34.3	50.5	85.9	90.7	77.6	73.2	76.4
Cotton, unmanufactured.....	7.4	11.4	20.2	50.0	48.3	42.0	22.4	46.0
Wool and mohair, unmanufactured.....	18.7	61.3	247.9	289.4	208.9	307.6	222.2	427.5
Raw silk.....	116.1	108.7	12.6	101.2	15.7	15.4	7.3	20.6
Vegetable fibers, except cotton and silk.....	17.8	20.4	42.6	46.4	80.5	92.9	88.0	95.9

¹ Value of total agricultural imports not available on calendar year basis prior to 1934.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 706.—AGRICULTURAL EXPORTS AND IMPORTS—VALUE: 1857 TO 1950

[All figures, except percentages, in millions of dollars. Excludes forest products. Crude rubber and similar gums (now mainly plantation products) are included in agricultural products]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	AGRICULTURAL EXPORTS ¹			AGRICULTURAL IMPORTS ^{1,4}				Excess of domestic agricul- tural exports over supple- mentary imports ⁵	
	Domestic products		Foreign products (re- exports)	Total	Percent of all imports	Supple- mentary imports ⁶	Compli- mentary imports ⁶		
	Total ²	Percent of all exports ³							
1857-1861	214	80.4	10.2	118	87.1	—	—	—	
1862-1866	147	74.7	9.2	122	43.0	—	—	—	
1867-1871	250	76.6	8.6	181	42.6	—	—	—	
1872-1876	396	78.3	9.0	266	47.0	—	—	—	
1877-1881	589	80.1	8.6	272	51.4	—	—	—	
1882-1886	555	75.9	9.7	322	48.4	—	—	—	
1887-1891	572	74.6	7.2	378	49.8	—	—	—	
1892-1896	636	72.7	9.4	413	53.5	—	—	—	
1897-1901	826	65.8	12.9	401	53.4	—	—	—	
1902-1906	878	59.4	14.5	523	49.7	—	—	—	
1907-1911	974	53.8	16.8	701	49.9	—	—	—	
1912-1916	1,254	45.1	28.0	1,024	55.4	—	—	—	
1917-1921	2,856	42.6	82.7	2,162	61.5	—	—	—	
1922-1926	1,950	45.9	58.6	1,982	54.3	—	—	—	
1927-1931	1,621	35.9	57.8	1,943	51.2	(6)	(6)	(6)	
1932-1936	713	36.4	20.3	872	50.8	443	420	270	
1937-1941	679	20.3	32.3	1,281	51.0	628	652	51	
1942	1,032	16.0	52.4	1,503	49.0	769	734	263	
1943	1,407	14.9	51.9	1,342	44.7	963	379	534	
1944	2,305	15.7	84.1	1,774	46.5	1,244	530	1,061	
1945	2,191	17.5	80.8	1,720	43.6	1,111	618	1,080	
1946 (prel.)	2,864	33.7	190.9	1,887	44.9	1,031	866	1,823	
1947 (prel.)	3,613	28.4	135.9	2,716	50.6	1,387	1,329	2,226	
1948 (prel.)	3,605	25.4	56.0	2,802	45.3	1,444	1,418	2,062	
1949 (prel.)	3,830	30.2	51.6	3,001	43.0	1,552	1,469	2,298	
1950 (prel.)	2,985	29.5	53.2	3,178	45.2	1,552	1,625	1,433	

¹ Excludes distilled liquor.

² Beginning Jan. 1, 1942, includes food exported for relief or charity; beginning Jan. 1, 1947, also includes exports under Army Civilian Supply Program.

³ Based on total exports of domestic merchandise.

⁴ Imports for consumption beginning 1834; general imports prior thereto.

⁵ Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

⁶ Average not computed; data not available prior to 1929.

Source: Department of Agriculture, Office of Foreign Agricultural Relations, from official records of Bureau of the Census and U. S. Tariff Commission. Published in annual report, Agricultural Statistics.

No. 707.—AGRICULTURAL PRODUCTS IMPORTED—INDEXES OF QUANTITY: 1938 TO 1950

[January 1924-December 1929=100. Average of monthly index not adjusted for seasonal variation]

YEAR ENDING JUNE 30—	Total ¹	Com- ple- men- tary ²	Supple- men- tary ²	Wool (excl. free for carpets)	Hides and skins	Dairy prod- ucts	Sugar	Vegetable oils and oilseeds	Grains, grain products, and feeds	To- bacco, leaf
1938	92	102	80	30	50	52	73	124	145	66
1939	91	102	77	46	71	50	66	116	79	75
1940	102	113	87	112	76	51	82	103	111	76
1941	128	146	104	328	104	22	89	93	118	70
1942	102	100	104	880	116	32	62	98	119	77
1943	78	44	122	898	103	38	48	43	220	92
1944	89	61	125	488	70	21	82	57	805	80
1945	84	67	106	382	57	5	90	53	445	86
1946	86	79	94	561	47	17	52	42	123	84
1947	102	104	98	457	68	25	72	81	38	100
1948	100	110	87	296	62	16	80	72	15	80
1949	102	114	86	179	42	23	87	62	124	92
1950	104	111	96	255	59	41	79	69	188	91

¹ Based on data for 122 agricultural import classifications.

² Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, teas, and spices.

Source: Department of Agriculture, Office of Foreign Agricultural Relations; annual report, Agricultural Statistics. Compiled from official records of Bureau of the Census and Tariff Commission.

No. 708.—SUMMARY FOR SPECIFIED CROPS—ACREAGE AND VALUE OF PRODUCTION
WITH COMPARATIVE DATA FOR ALL CROPS AND CROPLAND HARVESTED: 1879 TO 1944

[Minus sign (—) denotes decrease]

CROP AND YEAR	ACREAGE (THOUSANDS)		VALUE (THOUSANDS OF DOLLARS)		Average value per acre (dollars)	
	Total	Increase		Total		
		Acres	Percent			
Cropland harvested:						
1879	348,004					
1880	344,649	-4,054	-1.2			
1881	350,242	14,603	4.3			
1882	295,024	-53,618	-17.7			
1883	321,242	25,618	8.7			
1884	352,866	31,628	9.8			
Specified crops, total: ^a						
1879	356,205	(3)	(3)	(3)	(3)	
1880	297,107	-59,098	-16.6	(3)	(3)	
1881	316,546	19,430	6.5	5,044,454	(3)	
1882	349,803	33,257	10.5	14,439,931	8,705,477	
Field crops:						
1879	344,967			(3)	(3)	
1880	334,316	-10,651	-3.1	(3)	(3)	
1881	340,939	12,624	3.8	(3)	(3)	
1882	286,886	-60,053	-17.3	(3)	(3)	
1883	308,148	21,262	7.4	4,715,813	(3)	
1884	340,246	32,099	10.4	11,801,732	7,175,919	
Vegetables:						
1879	1,424			(3)	(3)	
1880	2,812	1,387	97.4	(3)	(3)	
1881	3,774	962	34.2	(3)	(3)	
1882	3,053	-720	-10.1	410,016	(3)	
1883	4,370	1,317	43.1	1,032,626	621,710	
Fruits and nuts and horticultural specialties:						
1879	6,454	(3)	(3)	(3)	(3)	
1880	6,448	-6	-1	(3)	(3)	
1881	5,345	-1,102	-17.1	517,724	(3)	
1882	6,187	-169	-3.0	1,515,572	607,848	
All crops:						
1879	166,187			(3)	(3)	
1880	219,706	53,519	32.2	(3)	(3)	
1881	283,218	63,513	28.9	2,888,050	(3)	
1882	311,293	28,075	9.0	5,287,774	2,309,724	
1883	348,604	37,310	12.0	14,046,178	9,358,404	
1884	358,068	(3)	(3)	7,472,585	-7,173,643	
1885	298,642	-59,425	-16.6	8,223,515	750,980	
1886	310,124	20,482	6.9	4,470,015	-3,744,500	
Field crops:						
1887	282,840			2,726,292		
1888	309,013	27,073	9.6	4,942,666	2,217,374	
1889	346,875	30,983	11.9	13,272,598	8,329,932	
1890	348,783	1,908	0.6	6,000,096	-6,372,502	
1891	288,421	-60,362	-17.3	3,940,725	-2,950,371	
1892	310,546	22,125	7.7	4,763,666	813,981	
Vegetables:						
1893	1,009			8,05,749	(3)	
1894	1,424	415	41.1	534,486	(3)	
1895	2,812	1,387	97.4	522,010	-12,426	
1896	3,774	962	34.2	137,029	(3)	
1897	3,053	-720	-19.1	410,016	(3)	
Fruits and nuts and horticultural specialties:						
1898	10,370			162,757		
1899	10,271	-7	-1.9	279,358	116,601	
1900	10,304	-67	-18.1	830,144	559,785	
1901	11,6,473	(3)	(3)	801,409	-37,735	
1902	7,6,448	-25	-4	392,261	-409,148	
1903	5,525	-923	-14.3	530,892	138,031	

^a Excludes 14,503,000 acres of corn cut for fodder, valued at \$206,925,000, probably duplicated in acreage of corn harvested for grain. 3,107,000 acres of mature crops hogged off (corn, velvetbeans, soybeans, peanuts, sweet-potatoes, etc.) also excluded.

^b See table 709.

^c Total acreage of crops for which figures are available.

^d Irish and sweet potatoes included with "field crops," not with "vegetables." Acreage of vegetables represents acreage of vegetables harvested for sale only; acreage in farm gardens not available. Value includes both vegetables for home use and for sale.

^e Excludes acreage of horticultural specialties (not available for 1944); value includes horticultural specialties.

^f Excludes acreage for alfalfa, clover, and grass seeds harvested, probably duplicated in hay acreage.

^g Only strawberries reported in small fruits; other small fruits included in field crops.

^h Vegetables for sale.

ⁱ Farm garden vegetables for home use only.

^j Acreage in fruit orchards, vineyards, and planted nut trees not secured prior to 1930.

^k Excludes acreage for horticultural specialties.

No. 709.—CROPS—ACREAGE, PRODUCTION, AND VALUE, BY KIND: 1939 AND 1944

[Leaders indicate no data available. See also *Historical Statistics*, series E 181-243]

CROP	ACREAGE (THOUSANDS)		PRODUCTION (1,000 UNITS)			VALUE (\$1,000)	
	1939	1944	Unit	1939	1944	1939	1944
Specified crops, harvested, total	316,546	349,803				5,644,454	14,439,931
Field crops, total	308,148	340,246				4,715,813	11,891,732
Corn for all purposes ¹	86,900	92,250				1,475,004	3,291,109
Harvested for grain	77,432	84,340	Bushel	2,311,400	2,788,432	1,305,151	3,009,866
For purposes other than for grain	9,568	7,910				169,853	281,244
Sorghums for all purposes, except for syrup	13,998	17,224				104,272	306,980
Harvested for grain	4,003	9,061	Bushel	52,442	177,702	20,633	156,145
For purposes other than for grain and syrup	9,304	8,164	Ton	10,162	11,132	74,620	150,835
For hay or dry forage ²	8,420	7,328				57,691	117,302
All wheat threshed ³	50,526	58,286	Bushel	708,852	1,032,600	491,600	1,458,641
Winter wheat ⁴	36,136	40,260	do	542,749	734,883	376,650	1,047,054
Spring wheat, including durum and macaroni ⁵	14,390	18,027	do	166,103	297,777	115,040	411,587
Oats threshed or cut for feeding unthreshed ⁶	32,307	39,612				289,072	804,872
Oats threshed	29,033	35,425	Bushel	870,258	1,041,112	269,694	721,162
Oats cut for feeding unthreshed	2,374	4,187	do			19,377	83,710
Barley threshed ⁷	12,024	11,604	Bushel	260,981	261,425	106,847	262,360
Rye threshed	3,556	2,023	do	35,844	21,349	16,852	23,256
Mixed grains threshed ⁸	1,567	1,146	do	39,322	30,812	18,000	31,225
Flax threshed ⁹	2,081	2,477	do	18,829	20,765	27,519	60,324
Rice (rough or paddy) threshed ¹⁰	851	1,394	do	43,807	65,044	32,206	114,192
Annual legumes harvested for beans, peas, or nuts:							
Soybeans harvested for beans ¹¹	4,274	8,724	Bushel	87,591	187,726	71,246	389,512
Cowpeas harvested for peas ¹²	1,806	do		5,959	3,603	8,314	13,182
Peanuts harvested for nuts ¹³	1,787	2,658	Pound	1,155,316	2,008,856	39,169	162,727
All dry field and seed beans harvested other than velvet beans and soybeans ¹⁴	1,686	1,898	Bushel	23,666	26,075	46,527	97,802
All dry field and seed peas harvested other than cowpeas and Austrian peas ¹⁵	214	697	do	8,701	14,285	6,370	42,064
All hay, excluding sorghums for hay ¹⁶	65,079	72,287	Ton	82,413	99,305	701,510	1,726,106
Soybeans and cowpeas harvested for hay ¹⁷		3,072	do			3,350	78,804
Peanut vines saved for hay ¹⁸		90	do			1,041	17,307
Vetches cut for hay ¹⁹	7,187	do		8,380		74,186	3,445
Annual legumes saved for hay	12,803	14,077	do	25,653	32,670	236,162	605,960
Alfalfa cut for hay							
Clover or timothy (alone or mixed) cut for hay	17,274	22,603	do	20,660	30,749	195,454	583,028
Sweet clover cut for hay	1,147	do		1,337		7,188	
Lespedeza cut for hay ²⁰	4,698	5,941	do	5,047	5,569	51,427	122,475
Small grains cut for hay ²¹	8,690	1,542	do	3,888	1,884	31,350	30,050
Other tame hay cut ²²	7,220	8,534	do	7,600	9,438	60,740	145,739
Wild hay cut ²³	11,961	18,526	do	8,828	14,422	44,904	128,482
Alfalfa seed harvested ²⁴	1,010	827	Bushel	1,454	946	12,681	10,527
Red clover seed harvested ²⁵	1,528	1,914	do	2,051	1,603	16,474	30,294
Lespedeza seed harvested ²⁶	606	811	Pound	102,848	174,183	4,214	14,221
Vetch seed harvested ²⁷		75	Bushel		621		2,606
Cotton harvested ²⁸	22,811	18,962	Bale	11,481	11,838	538,150	1,266,373
Cottonseed ²⁹			Ton	5,259	4,896	110,938	290,465
Tobacco harvested ³⁰	1,853	1,630	Pound	1,699,728	1,778,769	258,990	740,747
Sugarcane for sugar and/or syrup ³¹	875	357				23,072	39,476
Sugarcane harvested for sugar or for sale to mills ³²	248	269	Ton	5,366	5,061	15,359	25,548
Sugarcane harvested for syrup ³³	127	88	Gallon	16,205	13,048	7,714	13,028
Sugar beets harvested for sugar ³⁴	867	546	Ton	10,300	6,841	48,915	73,312
Chufas harvested for nuts ³⁵						50	127
Chufas hogged off ³⁶							356
Hops harvested ³⁷						7,944	21,616
Irish potatoes harvested ³⁸	2,644	2,537	Bushel	318,256	356,547	217,392	519,678
Sweetpotatoes and yams harvested ³⁹	696	673	do	58,658	63,288	43,384	118,423

For footnotes, see next page.

No. 709.—CROPS—ACREAGE, PRODUCTION, AND VALUE, BY KIND:
1939 AND 1944—Continued

CROP	ACREAGE (THOUSANDS)		PRODUCTION (1,000 UNITS)			VALUE (\$1,000)	
	1939	1944	Unit	1939	1944	1939	1944
Vegetables, total ¹	7,3,053	7,4,370				410,916	1,032,626
Vegetables grown for home use (excluding Irish and sweet potatoes)						210,900	456,033
Vegetables harvested for sale (excluding Irish and sweet potatoes)	3,053	4,370				200,016	576,503
Fruits and nuts and horticultural specialties, total ²	5,345	5,187				517,724	1,515,572
Specified small fruits ³	301	186				41,376	47,013
Apples ⁴			Bushel	150,003	135,003	91,150	268,379
Cherries ⁴			Pound	310,437	344,236	9,888	35,895
Peaches			Bushel	56,677	68,011	45,831	156,180
Apricots ⁴			do	11,648	12,799	9,374	33,263
Pears			do	24,981	27,788	18,552	63,175
Plums and prunes			do	25,646	19,525	19,281	46,909
Grapes			Pound	4,400,458	5,240,034	87,790	211,551
Oranges, including satsumas, tangerines, and mandarins ³			Ton	2,873	3,029	61,193	245,086
Grapefruit ³			do	1,236	1,647	14,304	61,487
Lemons ³			do	403	469	15,472	38,734
Limes ³			Pound	6,094	8,578	224	558
Almonds ³			do	47,911	54,184	4,921	20,807
Filberts and hazelnuts ³			do	6,217	11,414	701	3,118
Pecans (improved and seedling) ³			do	72,838	98,180	7,416	21,553
Walnuts, English or Persian ³			do	125,454	120,611	10,629	27,476
Tung nuts ³			do	2,321	62,008	55	3,130
Horticultural specialties						129,575	231,250

¹ Irish potatoes and sweetpotatoes included with "field crops," not with "vegetables."

² Excludes sweet corn, popcorn, "Egyptian corn," kafr, and milo maize.

³ Figures for 1944 are not fully comparable with those for 1939. 1944 totals are for States for which a separate inquiry was carried on schedule. For further discussion, see 1945 Census of Agriculture, Vol. II.

⁴ Oat hay included with small grains cut for hay.

⁵ Excludes flax and wheat mixture.

⁶ Clover seed except sweet clover.

⁷ Represents acreage of vegetables harvested for sale only; acreage in farm gardens not available.

⁸ Acreage of horticultural specialties not available for 1944 and therefore excluded for 1939; value includes horticultural specialties.

⁹ Includes blackberries and dewberries, blueberries, boysenberries, loganberries, youngberries, raspberries, and strawberries.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 710.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE: 1866 TO 1950

[Tons are of 2,000 pounds. For weights of units of measurement for principal products, see Appendix II. Approximate weights of units of measurement for other products are as follows: Number of pounds to a bushel—sweetpotatoes, 55; sorghums for grain, 60; clover seed, 60. Number of pounds to a barrel of cranberries, 100. Prices and yields for periods are weighted averages except for cotton and cottonseed, which are simple averages of prices and yields for individual years. Acreage, production, and yield of all crops revised to census data. See also *Historical Statistics*, series E 181–230, for acreage harvested, production, and price data for corn, wheat, oats, barley, flaxseed, potatoes, sweetpotatoes, cotton, cottonseed, soybeans, and hay.]

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ²	
CORN											
							WHEAT				
1866–1875	1,000 acres	1,000 bushels	1,000 dollars	Bush- els per bushel	Cents per bushel	1,000 acres	1,000 bushels	1,000 dollars	Bush- els per bushel	Cents per bushel	
1876–1885	40,123	1,028,963	561,163	26.6	54.5	21,918	270,595	337,186	12.3	124.6	
1886–1895	63,655	1,667,510	652,608	26.2	39.1	34,553	448,337	413,730	12.0	92.3	
1896–1905	78,327	1,986,608	725,562	25.4	36.5	38,496	526,076	356,288	13.7	67.7	
1906–1910	91,253	2,523,555	711,706	27.7	28.2	47,258	630,354	413,935	13.3	65.7	
1911–1915	95,226	2,520,114	1,113,825	26.8	44.0	47,002	674,843	483,123	14.4	71.6	
1916–1920	97,894	2,735,480	1,450,885	27.0	53.1	45,106	664,209	579,092	14.7	87.3	
1921–1925	100,294	2,609,562	1,720,900	28.0	66.0	53,247	801,080	712,938	15.0	88.0	
1926–1930	102,631	2,704,763	3,342,063	26.4	123.4	59,486	790,773	1,526,204	13.3	193.0	
1931–1935	101,275	2,700,508	2,033,203	26.7	75.3	57,558	787,082	875,067	13.7	111.2	
1936–1940	99,483	2,484,035	1,919,033	26.0	77.2	60,300	866,470	883,173	14.4	101.9	
1941–1945	89,375	2,931,095	1,031,463	32.8	103.4	56,336	984,700	1,252,507	17.5	127.2	
1937	93,930	2,042,978	1,308,474	28.1	51.8	84,169	873,014	840,706	13.6	96.2	
1938	92,160	2,548,753	1,239,610	27.7	48.6	69,197	910,013	516,636	13.3	56.2	
1939	88,270	2,580,050	1,465,117	29.2	56.8	52,660	741,210	512,427	14.1	69.1	
1940	86,429	2,467,146	1,518,710	28.4	61.8	53,273	814,646	555,547	15.3	68.2	
1941	85,357	2,651,889	1,991,103	31.1	75.1	55,935	941,970	889,561	16.8	94.4	
1942	87,367	3,008,562	2,813,772	35.1	91.7	49,773	909,381	1,064,789	19.5	110.0	
1943	92,060	2,965,080	3,328,496	32.2	112.0	51,356	843,813	1,148,845	16.4	136.0	
1944	94,014	3,088,110	3,363,388	32.8	100.0	59,740	1,066,111	1,497,693	17.7	141.0	
1945	88,079	2,880,933	3,670,557	32.7	127.0	65,120	1,108,224	1,661,649	17.0	150.0	
1946	88,489	3,249,050	5,081,927	36.7	156.0	67,075	1,153,046	2,203,246	17.2	191.0	
1947	83,932	2,383,070	5,145,345	28.4	216.0	74,380	1,367,186	3,128,587	18.4	220.0	
1948	86,067	3,681,793	4,752,652	42.8	130.0	73,017	1,313,534	2,622,558	18.0	109.0	
1949	87,029	3,370,436	4,107,542	38.8	124.0	76,550	1,141,188	2,141,564	14.9	188.0	
1950 (prel.)	88,302	3,131,009	4,536,607	37.6	145.0	61,741	1,026,755	2,033,552	16.6	108.0	
OATS											
1866–1875	10,816	281,394	122,375	26.5	43.5	1,589	17,210	15,804	10.8	92.2	
1876–1885	17,954	404,012	158,927	27.5	32.1	1,005	22,165	14,205	11.6	64.1	
1886–1895	28,113	753,240	215,561	26.8	28.6	2,160	27,209	14,696	12.6	54.0	
1896–1900	29,741	865,863	199,211	29.1	23.0	2,263	29,088	12,888	12.9	44.3	
1901–1905	32,122	975,026	315,133	30.4	32.3	2,323	30,640	17,570	13.2	57.3	
1906–1910	34,869	954,648	383,118	27.4	40.1	2,166	29,137	20,389	13.5	69.0	
1911–1915	37,531	1,165,906	494,401	30.8	30.3	2,965	30,714	29,681	13.4	74.7	
1916–1920	41,100	1,312,199	834,168	31.9	63.6	5,455	65,481	96,895	12.0	148.0	
1921–1925	42,441	1,248,349	497,621	29.4	39.9	4,857	63,746	47,739	13.1	74.9	
1926–1930	40,260	1,189,317	477,416	29.5	40.1	3,304	40,928	30,826	12.1	75.3	
1931–1935	37,597	973,920	252,598	25.9	25.0	2,980	33,134	13,888	11.1	41.9	
1936–1940	34,826	1,052,573	328,974	30.2	31.3	3,526	41,474	21,149	11.8	51.0	
1941–1945	30,375	1,260,991	700,976	32.3	69.9	2,801	34,308	28,180	12.3	81.3	
1937	35,542	1,176,744	355,482	33.1	30.2	3,825	48,862	33,517	12.8	66.0	
1938	36,042	1,089,883	268,773	30.2	23.8	4,087	55,984	28,123	13.7	33.8	
1939	38,460	957,704	297,354	28.6	31.0	3,822	38,562	16,935	10.1	43.9	
1940	35,431	1,246,450	377,319	35.2	30.3	3,204	39,725	16,679	12.4	42.0	
1941	38,161	1,182,509	485,660	31.0	41.1	3,573	43,878	23,766	12.3	51.2	
1942	38,197	1,342,081	655,738	35.2	48.8	3,792	52,920	31,934	14.0	60.3	
1943	38,914	1,130,831	823,297	29.3	72.2	2,652	28,680	28,173	10.8	98.2	
1944	39,672	1,140,260	815,389	29.0	70.9	2,132	22,525	24,597	10.6	109.0	
1945	41,933	1,535,676	1,024,709	36.6	66.7	1,856	23,952	32,430	12.9	135.0	
1946	43,205	1,497,004	1,213,755	34.7	81.0	1,607	18,879	36,166	11.7	102.0	
1947	38,451	1,199,422	1,267,043	31.2	105.0	2,010	25,976	55,731	12.9	226.0	
1948	40,198	1,493,304	1,088,079	37.1	72.7	2,096	26,449	38,787	12.6	147.0	
1949	40,440	1,329,473	876,941	32.9	66.0	1,560	18,739	22,807	12.0	122.0	
1950 (prel.)	42,027	1,465,134	1,141,522	34.9	77.9	1,822	22,977	28,987	12.6	126.0	

¹ Values are based on season average or Dec. 1 prices. See notes on "Price" column.

² Received by farmers. Beginning 1908, prices are season average prices for the crop-marketing season; prior thereto, Dec. 1 prices. Prices for 1937 through 1944 for corn, 1938 through 1944 for wheat, 1940 through 1944 for rye, and 1940 and 1950 for corn, wheat, oats, and rye include an allowance for unredeemed loans at average loan value.

No. 710.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:
1866 TO 1950—Continued

YEARLY AVERAGE OR YEAR	Acreage harvested	Production	Farm value ¹	Yield per acre	Price ²	Acreage harvested	Production	Farm value ¹	Yield per acre	Price ²
BARLEY										
BUCKWHEAT										
1866-1875	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel	1,000 acres	1,000 bushels	1,000 dollars	Bush- els	Cents per bushel
1876-1885	1,802	28,246	26,820	21.7	95.0	705	10,425	9,085	13.6	87.1
1886-1895	2,236	50,303	31,000	22.5	61.6	816	10,442	6,849	12.8	65.6
1896-1900	3,513	82,767	39,376	23.6	47.6	812	11,250	6,165	13.9	54.8
1901-1905	4,308	102,505	37,485	23.8	36.5	814	12,640	5,927	15.5	46.9
1906-1910	5,931	151,417	65,069	25.8	43.0	819	14,888	8,854	18.2	59.5
1911-1915	7,260	163,978	90,978	22.5	55.7	841	14,601	10,125	17.4	69.3
1916-1920	7,552	177,102	101,286	23.5	57.2	778	12,927	9,838	16.6	76.1
1921-1925	7,858	173,712	174,922	22.1	100.7	838	12,642	18,988	15.1	150.2
1926-1930	7,210	160,478	93,500	22.3	58.3	707	12,052	11,287	17.0	93.7
1931-1935	11,262	263,142	144,125	23.4	54.8	665	9,018	8,747	14.9	88.2
1936-1940	10,608	211,714	77,607	20.0	36.7	480	8,187	4,191	17.1	51.2
1941-1945	11,034	243,144	113,228	22.0	46.6	401	6,445	4,143	16.1	64.3
1946-1950	13,780	381,576	266,911	24.1	80.5	428	7,403	7,508	17.4	101.7
1951-1955	9,969	221,889	120,267	22.3	54.2	421	6,808	4,530	16.2	66.7
1956-1960	10,010	256,620	94,380	24.2	36.8	448	6,763	3,647	16.1	53.9
1961-1965	12,739	278,193	112,511	21.8	40.5	370	5,736	3,666	16.5	62.2
1966-1970	13,526	311,278	123,543	23.0	39.7	388	6,470	3,822	18.7	53.8
1971-1975	14,276	302,568	191,741	25.4	62.0	337	6,038	4,072	17.9	67.4
1976-1980	16,958	420,450	271,231	25.3	63.2	375	6,636	5,613	17.7	84.6
1981-1985	14,900	322,913	319,871	21.7	98.1	505	8,830	11,113	17.5	126.0
1986-1990	12,301	276,112	280,261	22.4	101.0	515	9,160	9,290	17.8	101.0
1991-1995	10,465	266,838	271,460	26.5	102.0	409	6,644	7,875	16.2	119.0
1996-1999	10,411	262,268	386,667	25.2	136.0	391	7,124	10,617	18.2	148.0
2000-2004	11,014	281,185	477,828	25.5	170.0	518	7,334	13,608	14.2	190.0
2005-2009	11,987	316,994	369,478	26.4	115.0	336	6,305	7,124	18.8	113.0
2010-2014	9,857	236,737	245,523	24.0	104.0	280	5,203	5,004	18.6	96.2
2015 (prel.)	11,191	301,009	339,063	26.9	113.0	266	4,749	5,162	17.9	109.0
RICE, ROUGH										
FLAXSEED										
1906-1910	598	21,848	17,436	36.5	79.8	2,384	20,500	25,662	8.6	125
1911-1915	677	24,031	20,679	35.5	86.1	2,041	17,197	25,444	8.4	148
1916-1920	1,056	41,763	65,068	30.6	163.0	1,580	10,136	30,872	6.4	305
1921-1925	922	35,971	41,934	39.0	116.6	2,166	17,740	37,821	8.2	213
1926-1930	968	42,064	40,513	44.4	94.3	2,988	20,084	40,585	6.7	202
1931-1935	853	40,476	25,526	47.5	63.1	1,778	10,161	13,201	5.7	130
1936-1940	1,054	52,849	38,784	50.1	73.4	1,062	14,193	21,715	8.5	153
1941-1945	1,423	63,592	106,894	44.7	168.1	3,952	35,808	91,690	9.1	256
1946-1950	1,099	53,422	35,108	48.6	65.8	927	7,070	13,196	7.6	187
1951-1955	1,076	52,606	33,630	48.8	64.0	905	8,032	12,783	8.9	150
1956-1960	1,046	54,062	39,348	51.7	72.8	2,171	19,006	28,092	9.0	146
1961-1965	1,069	54,433	44,208	50.9	81.2	3,182	30,924	43,703	9.7	142
1966-1970	1,214	51,323	69,600	42.3	136.0	3,266	32,133	57,482	9.8	170
1971-1975	1,457	64,627	105,082	44.4	163.0	4,408	40,976	96,560	9.3	236
1976-1980	1,472	65,081	116,024	44.2	178.0	5,691	50,009	141,554	8.8	283
1981-1985	1,480	68,830	121,573	46.5	177.0	2,610	21,665	62,941	8.3	201
1986-1990	1,494	68,150	122,100	45.6	170.0	3,785	34,557	99,012	9.1	289
1991-1995	1,574	72,216	102,726	45.9	225.0	2,432	22,555	91,137	9.3	404
1996-1999	1,693	78,259	210,308	46.2	269.0	4,030	40,536	249,331	10.1	615
2000-2004	1,781	85,056	186,001	47.8	219.0	4,859	54,529	313,617	11.2	571
2005-2009	1,840	90,549	167,246	49.2	184.5	4,924	43,946	150,502	8.9	363
2010-2014	1,008	84,380	198,240	52.5	234.0	3,803	39,263	126,873	10.1	323

¹ Values are based on season average or Dec. 1 prices. See notes on "Price" column.² Received by farmers. Prices are season average prices as follows: Barley, buckwheat, and flaxseed, beginning 1908; rice, beginning 1909. Prices for prior years are as of Dec. 1. Prices for 1940 through 1943 for barley, 1941 through 1944 for flaxseed and 1949 and 1950 for barley, rice, and flaxseed include an allowance for unredeemed loans at average loan value.

No. 710.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:
1866 TO 1950—Continued

YEARLY AVERAGE OR YEAR	Acreage harvested	Production	Farm value ¹	Yield per acre	Price ⁴	Acreage harvested	Production	Farm value ¹	Yield per acre	Price ⁴
POTATOES										
SWEETPOTATOES										
1866-1875	1,000 acres	1,000 bushels	1,000 dollars	Bushels per bushel	Cents per bushel	1,000 acres	1,000 bushels	1,000 dollars	Bushels per bushel	Cents per bushel
1876-1885	1,488	129,276	81,370	86.9	62.9	5,376	5,20,170	5,25,517	5,77.6	5,87.5
1886-1895	2,074	173,138	87,877	83.5	50.8	404	35,625	5,20,063	76.8	64.0
1896-1900	2,635	214,022	102,644	81.2	48.0	526	44,448	12,2,071	84.5	751.0
1901-1905	2,918	246,703	101,576	84.5	41.2	542	44,452	20,926	82.0	48.8
1906-1910	3,116	286,001	102,270	91.8	56.7	665	52,815	30,841	93.5	58.4
1911-1915	3,466	342,410	205,664	98.8	60.1	615	59,337	41,211	96.5	69.5
1916-1920	3,473	349,277	234,639	100.6	67.2	507	57,068	48,330	95.6	84.7
1921-1925	3,455	336,280	472,515	97.3	140.5	736	71,633	90,374	87.4	138.7
1926-1930	3,359	357,535	350,071	100.5	97.9	702	82,193	77,909	88.6	125.3
1931-1935	3,132	859,142	354,082	114.7	100.9	664	62,593	71,188	94.3	113.7
1936-1940	3,510	877,518	201,306	107.6	53.7	945	77,491	49,967	82.0	54.5
1941-1945	2,906	856,100	241,777	122.2	68.1	741	61,991	40,110	83.7	70.2
1946-1950	2,818	307,134	498,280	140.9	125	784	66,409	108,628	90.5	164
1937	3,055	376,448	190,086	123.2	52.0	768	68,144	53,138	88.7	78.0
1938	2,870	355,818	198,221	124.0	55.7	793	68,803	47,868	80.5	98.8
1939	2,813	342,372	237,781	121.7	69.7	728	61,744	45,340	84.8	73.4
1940	2,832	376,920	203,748	133.1	54.1	648	51,699	44,160	70.8	86.4
1941	2,693	355,607	287,422	132.1	80.8	731	62,517	57,650	86.5	92.2
1942	2,671	308,809	431,401	138.1	117	687	65,469	77,548	95.3	118
1943	3,239	458,887	601,405	141.7	131	857	71,142	146,413	83.1	206
1944	2,785	388,424	573,398	137.6	150	726	68,251	120,912	94.0	180
1945	2,700	418,765	507,636	155.1	143	671	64,665	131,619	96.3	204
1946	2,509	10,484,174	508,602	186.3	124	676	66,424	144,496	98.2	218
1947	2,101	389,048	628,046	185.2	162	504	55,746	120,879	93.9	217
1948	2,100	454,654	703,166	215.5	155	516	50,204	111,374	87.4	222
1949	1,913	411,505	531,763	215.2	129	551	55,368	118,776	100.5	215
1950 (prel.)	1,847	439,500	428,859	287.9	98	563	58,729	100,743	104.4	172
COTTON (EXCLUDING LINTERS) ¹¹										
COTTONSEED										
1866-1875	1,000 acres	1,000 bales ¹²	1,000 dollars	Lbs.	Cents per pound		1,000 short tons	1,000 dollars		Dols. per ton
1876-1885	9,046	3,389	-----	162.6	-----		1,382	-----		-----
1886-1895	15,147	5,708	253,989	172.2	9.30		2,410	-----		-----
1896-1900	20,016	7,691	289,493	181.5	7.70		3,380	-----		-----
1901-1905	24,425	10,036	364,063	197.4	7.04		4,486	-----		-----
1906-1910	28,041	10,801	485,555	183.8	8.98		4,800	-----		-----
1911-1915	31,057	11,847	658,884	182.3	11.29		13,4,700	13,120,640	13	26.07
1916-1920	33,649	14,167	729,245	200.7	10.44		6,292	125,791	20.59	-----
1921-1925	33,534	11,918	1,468,022	189.9	24.91		5,295	277,640	53.28	-----
1926-1930	35,895	11,515	1,277,208	151.2	22.22		5,112	169,432	33.11	-----
1931-1935	42,212	14,834	1,126,700	107.8	15.38		6,500	184,399	28.83	-----
1936-1940	31,671	12,684	551,305	190.9	9.16		5,505	95,820	19.16	-----
1941-1945	27,058	13,634	946,935	239.1	9.67		5,084	132,160	23.49	-----
1946-1950	20,632	11,247	1,110,463	262.2	19.84		4,002	228,712	49.83	-----
1937	33,623	18,946	706,460	260.9	8.41		7,844	152,974	19.50	-----
1938	24,248	11,943	613,704	235.8	8.60		4,950	107,874	21.79	-----
1939	23,805	11,817	536,996	237.9	9.09		4,563	102,933	21.14	-----
1940	23,861	12,566	621,284	252.5	9.89		5,286	114,817	21.72	-----
1941	22,236	10,744	914,313	231.9	17.03		4,553	216,961	47.65	-----
1942	22,602	12,817	1,210,716	272.4	19.04		5,202	237,221	45.60	-----
1943	21,610	11,427	1,135,605	254.0	19.88		4,688	244,059	52.10	-----
1944	19,651	12,230	1,267,857	208.9	20.73		4,902	258,163	52.70	-----
1945	17,059	9,015	1,014,823	253.6	22.52		3,664	187,155	51.10	-----
1946	17,615	8,640	1,409,671	235.3	32.64		3,513	252,674	71.00	-----
1947	21,269	11,857	1,892,528	267.3	31.93		4,681	402,015	85.90	-----
1948	22,821	14,877	2,262,227	312.6	30.41		5,945	399,755	67.20	-----
1949	27,230	16,128	2,304,040	284.0	28.58		6,559	284,810	43.40	-----
1950 (prel.)	17,850	9,884	1,977,100	265.4	40.00		4,005	343,095	85.70	-----

¹ Values are based on season average or Dec. 1 prices. See notes on "Price" column.² Received by farmers. Beginning with 1909 for potatoes and cotton, 1960 for sweetpotatoes, and cottonseed, prices are season average prices. Figures for prior years are Dec. 1 prices. 1933, 1934, 1937, 1938, and 1940 through 1950, for cotton crop, and 1949 and 1950 for cottonseed season average prices include an allowance for unredeemed loans at average loan value.³ Average for 8 years. ⁴ Average for 6 years. ⁵ Average for 7 years. ⁶ Average for 4 years.⁷ Includes following quantities not harvested on account of market conditions (1,000 bushels): 1928, 7,462; 1931, 66; 1932, 2,175; 1939, 1,240; and 1943, 440. Price and value apply only to the harvested portion of the crop.⁸ Includes 1,504,000 bushels unharvested but purchased by the Government under price-support program.⁹ State production figures, which conform with census annual ginning enumeration, with allowance for cross State ginnings, rounded to thousands and added for United States totals. Cotton grown in Baja, California, ginned in California from 1913 to 1924, has been excluded.¹⁰ Production is in running bales prior to 1899; 500-pound gross weight bales thereafter.¹¹ Data for 1900 and 1910.

No. 710.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:
1866 TO 1950—Continued

YEARLY AVERAGE OR YEAR	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ¹⁴	Acreage har- vested	Produc- tion	Farm value ¹	Yield per acre	Price ¹⁴
SORGHUMS FOR GRAIN										
1916-1920										
1921-1925										
1926-1930	18,500	18,435,704	19,20,014	18,12,5	18,66,3	1,000 acres	1,000 bushels	1,000 dollars	1,000 pounds	1,000 dollars
1931-1935	4,088	53,843	23,783	13,3	44,1	1,094	706,048	52,068	728,5	6,53
1936-1940	4,708	61,306	31,928	13,0	52,1	936	640,834	32,525	684,9	5,08
1941-1945	6,938	122,942	111,425	17,7	90,6	1,434	996,762	24,907	695,2	2,50
1940	6,374	85,824	41,010	13,5	47,8	1,770	1,352,243	45,952	764,0	3,40
1941	6,015	113,543	62,319	18,9	54,9	3,002	1,093,407	138,650	664,0	6,96
1942	5,091	109,653	85,223	18,3	77,7	3,355	2,192,800	133,248	654,0	6,08
1943	6,880	109,536	124,885	15,9	114,0	3,628	2,176,420	155,025	617,0	7,12
1944	9,385	184,962	108,880	10,7	91,3	2,052	1,760,500	68,850	861,0	3,33
1945	6,408	97,014	115,816	15,1	119,0	1,900	1,475,205	68,746	776,0	4,46
1946	6,773	106,941	148,753	15,8	139,1	3,142	2,038,355	185,390	649,0	8,27
1947	5,629	96,016	175,047	17,1	183,0	3,380	2,182,895	220,360	646,0	9,10
1948	7,206	131,586	161,946	18,0	123,0	3,311	2,338,470	246,405	706,0	10,1
1949	6,612	152,630	171,287	23,1	112,0	2,352	1,875,825	194,582	804,0	10,5
1950 (prel.)	10,361	237,456	250,876	22,9	106,0	2,315	2,038,425	223,406	881,0	11,0
BEANS, DRY, EDIBLE										
1916-1920										
1921-1925										
1926-1930	1,320	8,397	59,814	631,8	7,79	1,308	46,022	633,9	5,46	21,432
1931-1935	1,802	11,597	61,578	643,7	5,73	1,587	31,127	739,2	2,66	1,597
1936-1940	1,709	15,069	47,639	881,7	3,38	1,957	91,752	897,0	5,66	8,415
1941-1945	1,903	16,945	50,185	890,0	3,18	2,019	77,727	910,0	4,45	4,807
1940	1,903	16,945	50,185	890,0	3,18	12,556	77,727	910,0	4,45	7,045
1941	2,019	18,556	77,727	910,0	4,45	1,925	90,670	986,0	5,16	5,839
1942	2,362	21,002	117,493	889,0	6,05	2,362	117,493	889,0	6,05	10,397
1943	1,996	16,147	94,521	890,0	6,28	1,996	16,147	94,521	890,0	10,232
1944	1,485	13,083	78,348	881,0	6,55	1,616	15,859	981,0	10,60	10,661
1945	1,616	15,859	156,550	981,0	10,60	1,759	17,218	183,400	10,60	12,122
1946	1,916	20,527	163,640	1,087,0	7,91	1,838	21,377	181,143	1,103,0	10,430
1947	1,493	16,843	100,011	1,128,0	7,21	1,493	16,843	100,011	1,128,0	10,166
1948										
1949										
1950 (prel.)										
RED CLOVER SEED										
1916-1920										
1921-1925										
1926-1930	1,091	21,287	22,741	22,18	21,17,67	1,000 acres	1,000 bushels	1,000 dollars	1,000 bushels	Dollars per bushel ¹⁷
1931-1935	945	981	11,891	1,04	12,12	2,122	2,122	2,122	2,122	32,668
1936-1940	1,061	1,190	15,959	1,12	13,41	2,123	2,123	2,123	2,123	4,456
1941-1945	843	953	6,887	1,13	7,23	2,124	2,124	2,124	2,124	5,588
1940	1,207	1,334	12,342	1,13	9,05	2,125	2,125	2,125	2,125	6,090
1941	1,699	1,507	23,710	.89	15,73	3,126	3,126	3,126	3,126	7,944
1942	2,043	2,037	12,367	1,00	6,07	4,127	4,127	4,127	4,127	24,655
1943	1,884	1,479	13,461	1,07	9,10	3,128	3,128	3,128	3,128	42,846
1944	1,148	1,071	12,897	.98	12,00	3,129	3,129	3,129	3,129	12,883
1945	1,356	1,227	22,113	.91	18,00	3,130	3,130	3,130	3,130	15,894
1946	2,420	2,007	37,542	.83	18,70	3,131	3,131	3,131	3,131	42,448
1947	2,186	1,749	32,535	.80	18,60	4,132	4,132	4,132	4,132	66,772
1948	2,601	2,142	47,166	.82	22,00	4,133	53,171	33,301	1,306	34,243
1949	1,394	1,262	35,421	.91	28,10	4,134	50,098	49,819	1,262	34,243
1950 (prel.)	2,537	2,638	47,119	1,04	17,90	3,135	24,50,706	28,947	1,353	44,655
HOPS										
1916-1920										
1921-1925										
1926-1930										
1931-1935										
1936-1940										
1941-1945										
1940										
1941										
1942										
1943										
1944										
1945										
1946										
1947										
1948										
1949										
1950 (prel.)										

¹ Values are based on season average or Dec. 1 prices. See notes on "Price" column.

¹⁴ Received by farmers. Prices for 1942 through 1948, 1949 and 1950 for sorghums and 1942 through 1944, 1949, and 1950 for soybeans and 1949 and 1950 for beans include an allowance for unredeemed loans at average loan value. See also notes on prices for each crop.

¹⁵ Based on the reported price of grain sorghums.

¹⁶ Prices are season average prices, prices of beans being for cleaned beans.

¹⁷ Average for 1929 and 1930.

¹⁸ Farm value of dry edible beans equals the price of cleaned beans applied to the production of cleaned beans rather than to the total production. ¹⁹ Average for 1924 and 1925. ²⁰ Average for 1919 and 1920.

²¹ Dec. 1 prices, 1916 to 1931; beginning 1932, season average prices. ²² Includes 5,426,000 pounds in 1935, 4,365,000 pounds in 1937, 3,140,000 pounds in 1938, 2,813,000 pounds in 1939, not available for marketing because of economic conditions and the marketing agreement allotments. Saleable allotments under marketing agreement were 39,000,000 pounds in 1949 and 50,000,000 pounds in 1950. Prices and values are computed on the marketed crop.

²³ Value of production obtained by multiplying preliminary price by approximate quantity allocated to each State for marketing under Marketing Agreement.

No. 710.—PRINCIPAL CROPS—ACREAGE, PRODUCTION, AND VALUE:
1866 TO 1950—Continued

¹ Value based on season average or Dec. 1 prices. See notes on "Price" column.

²⁶ Received by farmers. Prices as of Dec. 1 except as noted.

²⁸ Prices are season average prices beginning 1911; Dec. 1 prices theretofore.

²⁹ Prices are season average prices beginning 1919; Dec. 1 prices theretofore.

³⁰ Prior to 1942, data are for 7 States. Production figures include fruit consumed on farms, sold locally, and used for manufacturing, as well as that shipped; they exclude fruit which ripened on trees but was destroyed prior to picking. Figures relate to crop produced from bloom of year shown. In California, picking season usually extends from about Oct. 1 to Dec. 31 of following year. In other States, season begins about Oct. 1 and ends in early summer.

³¹ Prior to 1942, price of sweet sorghums for forage and hay.

²² Net content of boxes varies. In California and Arizona, approximate average is 77 lbs.; in other states, 90 lbs. Production includes following quantities donated to charity, unharvested, and/or eliminated on account of economic conditions (1,000 boxes): 1933, 977; 1934, 1,395; 1935, 614; 1936, 1,023; 1937, 1,204; 1938, 2,949; 1939, 1,236; 1940, 1,322; 1941, 762; 1942, 654; 1943, 830; 1944, 1,771; 1945, 731; 1946, 2,630; 1947, 1,583; 1948, 879. Price and value are computed on remaining crop.

³² Season average returns to growers. Price and value apply to entire crop exclusive of that portion donated to charity, unharvested, and/or eliminated on account of market conditions. (See note 32.) Prices are equivalent packing-house returns for all methods of sale and are weighted by production to obtain U. S. averages.

²⁴ Average for 1929 and 1930.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics, and annual summaries of crop statistics.

No. 711.—WHEAT FLOUR PRODUCTION BY STATES: 1944 TO 1949

1,000 sacks of 100 lbs. Figures represent total wheat flour production of all commercial mills (excluding custom)

STATE	1944	1945	1946	1947	1948	1949
United States	1,243,400	1,274,400	1,278,900	305,499	279,133	234,351
California	4,725	4,945	4,403	4,860	4,000	4,358
Colorado	3,063	4,266	4,583	5,487	5,540	4,368
Georgia	611	701	609	763	532	503
Idaho	1,485	1,867	2,248	2,583	2,259	1,796
Illinois	13,270	14,741	12,649	14,322	14,197	12,082
Indiana	3,404	3,671	4,306	4,453	4,155	3,352
Iowa	4,111	4,407	4,463	4,459	3,720	3,069
Kansas	36,926	40,429	43,883	52,124	51,119	36,685
Kentucky	3,432	3,545	3,637	4,633	3,933	4,187
Maryland	663	1,424	1,431	1,437	1,401	1,040
Michigan	3,308	4,065	4,381	4,452	4,629	4,330
Minnesota	20,126	35,139	33,910	40,080	31,055	28,113
Missouri	18,925	22,850	23,020	27,377	26,491	21,906
Montana	2,947	3,426	4,121	4,267	3,615	3,076
Nebraska	6,237	7,327	7,379	8,521	7,990	5,777
New York	20,891	32,028	33,455	32,470	30,183	29,225
North Carolina	1,501	1,700	1,702	2,442	2,246	2,023
North Dakota	3,143	4,080	4,198	4,765	3,307	2,784
Ohio	9,211	9,701	9,377	9,142	9,599	9,556
Oklahoma	10,870	12,037	12,170	14,300	13,149	10,757
Oregon	6,638	7,617	7,095	7,411	5,893	5,033
Pennsylvania	1,404	2,021	2,338	2,834	2,401	2,006
South Carolina	235	310	335	264	319	270
Tennessee	3,900	4,250	4,166	4,780	3,784	3,343
Texas	14,897	18,888	19,087	21,600	19,608	14,657
Utah	2,901	3,244	3,292	3,693	3,704	3,049
Virginia	2,772	3,319	3,338	3,913	3,462	2,065
Washington	12,192	13,216	12,854	12,639	11,791	9,531
West Virginia	213	282	326	(3)	(2)	(2)
Wisconsin	2,110	2,022	2,101	2,481	2,519	2,299
Other States	1,807	2,177	2,340	2,942	2,532	2,493

¹ Includes 7,031,000 sacks in 1944, 4,590,000 sacks in 1945, and 5,703,000 sacks in 1946 not distributed by State.² Included in "Other States."Source: Department of Commerce, Bureau of the Census. Monthly data are published in *Facts for Industry* Series M16A.

No. 712.—WHEAT—SUPPLY AND DISAPPEARANCE: 1931 TO 1949

[In thousands of bushels; pounds per bushel, 60. For years beginning July 1. For continental United States only. See also *Historical Statistics*, series E 190-195]

ITEM	1931-1935, average	1936-1940, average	1941-1945, average	1946	1947	1948	1949 (prel.)
Supply, total	987,798	986,030	1,467,813	1,253,191	1,451,129	1,511,026	1,451,262
Stocks, July 1, total	296,859	181,289	446,028	100,088	88,813	195,991	307,707
On farms	63,697	58,311	126,059	41,606	40,477	94,511	67,172
Interior mills, elevators, and warehouses	42,924	27,340	75,484	8,376	10,116	30,645	76,230
Commercial	119,717	40,941	135,872	29,017	8,120	34,065	128,158
Merchant mills ¹	70,521	54,607	81,717	12,838	24,501	34,240	32,401
C. C. C. wheat in transit and in steel and wood bins			23,896	7,351	500	2,530	3,797
New crop	680,868	705,912	984,700	1,183,046	1,367,186	1,313,534	1,141,188
Imports ²	10,071	7,829	37,085	57	130	1,501	2,307
Disappearance, total	725,354	750,946	1,078,714	1,189,378	1,255,138	1,203,250	1,027,097
Food	473,287	490,604	480,108	483,329	488,752	478,999	485,024
Feed	127,756	115,009	304,402	175,434	182,188	117,489	154,464
Other	124,311	145,333	294,204	510,615	584,198	606,771	388,509
Stocks, June 30 ⁴	262,444	234,084	389,099	83,813	195,991	307,767	423,265

¹ Prior to 1937 some new wheat included, thereafter only old-crop wheat.² Estimated total based on Bureau of Census item, "In mills and mill elevators attached to mills," 1931-44.³ Imports include full duty wheat, wheat imported for feed and dutiable flour in terms of wheat.⁴ For individual items see supply, above.Source: Department of Agriculture, Bureau of Agricultural Economics, except for imports which are from Bureau of Census. Published in annual report, *Agricultural Statistics*, and in *The Wheat Situation*.

No. 713.—WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1939 TO 1950

[Pounds per bushel, 60. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 186-188, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF ¹		FARM VALUE	
	1939- 48, avg.	1949	1950 ²	1939- 48, avg.	1949	1950 ²	1939-48, avg.	1949	1950 ²	1949	1950 ²	1949	1950 ²
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.
U. S.	60,236	76,559	61,741	17.0	14.9	16.6	1,081	312	1,141	188	1,026	755	188
M. A.:													
N. Y.	315	421	435	24.8	27.0	28.9	7,856	11,760	12,585	186	195	21,874	24,541
N. J.	60	83	78	22.6	24.0	21.5	1,355	1,992	1,677	195	205	3,884	3,438
Pa.	886	918	872	20.4	23.0	22.0	18,168	21,114	19,184	170	190	37,704	36,450
E. N. C.:													
Ohio.....	1,932	2,353	2,118	22.8	25.5	22.0	44,400	60,002	46,596	180	195	108,004	90,862
Ind.	1,403	1,740	1,479	19.8	22.5	21.5	28,258	39,160	31,798	177	200	69,296	63,506
Ill.	1,427	1,913	1,378	19.2	24.5	20.0	28,174	46,856	27,538	182	200	85,278	55,070
Mich.	900	1,297	1,141	23.6	27.0	26.0	21,654	35,019	29,666	183	195	64,085	57,849
Wis.	85	112	86	20.6	22.5	24.1	1,783	2,520	2,073	191	200	4,813	4,146
W. N. C.:													
Minn.	1,275	1,281	921	17.5	15.6	16.7	22,109	19,971	15,410	200	205	39,942	31,590
Iowa....	215	382	262	19.8	21.8	21.0	4,358	7,213	5,740	189	200	13,633	11,480
Mo.	1,342	1,946	1,362	16.1	18.0	18.0	22,358	35,028	24,516	182	200	63,751	49,032
N. Dak.	8,905	10,606	8,708	15.1	10.6	13.9	134,228	112,900	120,724	198	206	223,560	248,601
S. Dak.	3,066	4,074	3,278	12.7	8.4	10.4	39,747	34,276	33,978	194	199	66,495	67,616
Nebr.	3,289	3,761	3,879	18.4	14.5	21.9	61,736	54,408	84,788	191	200	103,019	169,578
Kans.	11,666	14,270	12,280	16.0	11.5	14.6	183,577	104,208	178,060	189	200	310,353	356,120
S. A.:													
Del.	64	65	61	19.1	18.5	17.0	1,228	1,202	1,037	195	200	2,344	2,074
Md.	350	362	329	19.4	19.0	18.5	6,817	6,878	6,086	192	195	13,206	11,868
Va.	489	472	425	16.3	18.5	18.5	7,998	8,732	7,862	194	205	16,040	16,117
W. Va.	94	73	66	17.1	19.5	18.5	1,588	1,424	1,221	187	200	2,663	2,442
N. C.	450	417	375	15.1	13.0	14.5	6,809	5,421	5,438	199	215	10,788	11,692
S. C.	233	193	156	13.8	10.0	14.0	3,185	1,930	2,184	200	220	3,860	4,805
Ga.	195	100	152	12.3	12.0	12.5	2,419	2,280	1,900	190	210	4,332	3,900
E. S. C.:													
Ky.	348	301	260	15.0	17.5	15.0	5,260	5,268	3,900	188	205	9,004	7,905
Tenn.	345	300	270	13.7	14.5	12.5	4,720	4,350	3,375	193	210	8,396	7,088
Ala.	13	12	12	18.9	15.0	15.0	188	180	180	190	205	342	360
Miss.	11	12	6	24.7	22.0	21.0	254	264	126	177	195	407	240
W. S. C.:													
Ark.	30	26	19	12.7	15.0	15.0	386	390	285	183	195	714	556
Okla.	5,080	6,825	4,846	13.8	13.0	9.0	71,166	88,725	42,614	187	200	165,916	87,228
Tex.	4,463	6,924	2,839	12.4	14.5	8.0	56,350	100,308	22,712	186	200	186,740	45,424
Mt.													
Mont.	3,914	5,140	4,862	17.2	12.5	19.3	67,048	64,080	93,958	184	180	117,907	177,581
Idaho.	1,079	1,537	1,342	27.4	24.8	27.8	20,648	38,106	37,350	177	183	67,448	68,350
Wyo.	245	350	334	18.0	19.9	18.6	4,497	6,950	6,218	182	189	12,649	11,752
Colo.	1,631	2,884	2,362	18.0	17.2	16.9	32,247	49,551	39,924	187	195	92,600	77,852
N. Mex.	337	452	140	11.5	12.3	6.4	3,955	5,540	955	186	193	10,304	1,843
Ariz.	27	28	28	21.4	25.0	24.0	583	700	672	190	196	1,330	1,310
Utah.	270	428	408	28.1	22.1	19.6	6,450	9,440	8,008	175	186	16,520	14,816
Nev.	18	25	17	27.8	30.8	27.7	492	769	471	184	190	1,415	895
Pac.:													
Wash.	2,296	2,707	2,547	26.3	21.2	26.5	60,302	57,511	67,582	190	195	109,271	131,785
Oreg.	867	1,050	952	25.2	22.1	24.9	21,906	23,203	23,693	198	200	45,942	47,388
Calif.	631	620	651	17.7	18.5	21.0	11,087	11,470	13,671	199	205	22,825	28,026

¹ Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at average loan rate per bushel.

² Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 714.—CORN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1939 TO 1950

[Pounds per bushel, 56. Covers corn for all purposes, including hogged and siloed corn and that cut and fed without removing ears, as well as that husked and snapped for grain. Prices are season average prices received by farmers. See also *Historical Statistics*, E 181-183, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE	
	1939— 48, avg.	1949	1950 ²	1939— 48, avg.	1949	1950 ²	1939-48, avg.	1949	1950 ²	1949	1950 ²	1949	1950 ²
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.
U. S.-----	88,007	87,028	83,302	32.9	38.8	37.6	2,900,932	3,379,436	3,131,009	124	145	4,197,542	4,535,607
N. E.-----													
Maine-----	13	11	13	38.9	42.0	35.0	500	462	455	166	195	767	887
N. H.-----	13	12	14	41.6	44.0	45.0	538	528	630	156	185	824	1,166
Vt.-----	62	57	68	39.4	45.0	45.0	2,436	2,565	3,060	156	185	4,001	5,661
Mass.-----	40	37	38	42.4	41.0	40.0	1,693	1,517	1,529	156	185	2,307	2,812
R. I.-----	8	7	7	38.0	38.0	40.0	315	268	280	156	185	415	518
Conn.-----	48	45	45	42.1	40.0	43.0	2,039	1,800	1,935	156	185	2,808	3,580
M. A.-----													
N. Y.-----	671	705	740	36.1	42.0	41.0	24,241	26,610	30,340	137	165	40,566	50,061
N. J.-----	180	181	177	40.7	45.0	54.0	7,676	8,145	9,558	141	160	11,484	15,293
Pa.-----	1,343	1,378	1,337	41.2	46.5	45.5	55,274	64,077	60,834	140	165	89,708	100,376
E. N. C.-----													
Ohio-----	3,436	3,617	3,364	48.3	56.0	52.0	166,283	202,552	174,028	126	150	255,216	262,392
Ind.-----	4,292	4,709	4,319	48.2	52.0	49.5	207,605	249,548	213,790	122	160	304,449	320,685
Ill.-----	8,332	9,252	8,234	50.0	56.0	51.0	417,730	518,112	419,934	125	160	647,640	629,801
Mich.-----	1,656	1,700	1,683	34.2	45.0	38.5	56,482	85,920	64,706	125	150	107,400	97,194
Wis.-----	2,465	2,506	2,544	42.0	50.0	41.0	103,589	129,800	104,304	110	150	154,462	156,456
W. N. C.-----													
Minn.-----	5,087	5,648	5,111	42.2	44.0	38.0	214,392	248,512	194,218	116	135	288,274	262,194
Iowa-----	10,220	11,471	9,865	51.6	48.0	47.0	527,548	550,608	463,655	127	145	699,272	672,300
Mo.-----	4,241	4,243	4,158	32.0	41.0	45.0	137,551	173,963	187,110	122	140	212,235	261,954
N. Dak.-----	1,143	1,220	1,318	22.1	10.5	19.0	25,303	23,790	26,042	105	130	25,931	32,555
S. Dak.-----	3,444	3,944	3,747	25.2	21.0	26.5	88,607	82,824	90,296	113	135	63,501	134,050
Nebr.-----	7,400	7,364	6,775	25.6	32.5	37.0	194,409	239,330	250,676	118	140	282,409	350,945
Kans.-----	2,886	2,524	2,625	22.3	29.0	35.5	64,770	73,196	93,188	118	135	86,371	125,804
S. A.-----													
Del.-----	140	146	148	28.6	30.0	36.0	3,092	4,380	5,256	138	140	6,044	7,358
Md.-----	471	483	473	30.0	38.0	40.0	16,522	18,354	18,920	132	150	24,227	28,380
Va.-----	1,251	1,140	1,117	30.8	47.0	49.0	38,031	53,580	54,733	135	160	72,333	87,573
W. Va.-----	351	267	251	34.5	44.0	37.0	11,945	11,748	9,287	139	160	16,330	14,850
N. C.-----	2,298	2,215	2,215	24.2	35.0	37.0	55,386	77,525	81,955	130	145	100,782	118,835
S. C.-----	1,544	1,404	1,446	16.6	22.5	23.0	25,304	31,590	33,258	129	140	40,751	46,601
Ga.-----	3,606	3,300	3,465	12.6	18.0	16.5	44,857	59,400	57,172	126	145	74,844	82,899
Fla.-----	712	691	712	10.6	13.0	14.0	7,527	8,983	9,968	131	140	11,768	13,955
E. S. C.-----													
Ky.-----	2,442	2,367	2,130	30.6	37.5	37.0	74,129	88,762	78,810	130	150	115,301	118,215
Tenn.-----	2,432	2,120	2,144	26.5	32.5	34.0	64,072	68,900	72,704	134	150	92,326	108,191
Ala.-----	3,062	2,736	2,845	14.7	21.0	22.5	44,408	57,456	64,012	131	140	75,267	89,617
Miss.-----	2,623	2,076	2,282	16.9	23.0	26.5	43,725	47,725	60,473	123	135	68,702	81,639
W. S. C.-----													
Ark.-----	1,713	1,182	1,430	27.6	24.0	27.0	31,598	28,368	38,610	124	135	35,176	52,124
La.-----	1,233	802	158	23.0	23.0	19,208	18,446	19,918	130	145	23,980	28,881	
Okl.-----	1,591	1,336	1,269	17.9	22.0	25.0	28,171	29,302	31,725	115	125	33,801	39,656
Tex.-----	3,990	2,587	3,130	16.1	22.5	21.0	64,272	58,208	66,730	112	125	66,193	82,182
Mt.-----													
Mont.-----	184	185	202	16.8	8.5	10.0	3,119	1,572	3,838	143	155	2,248	5,940
Idaho-----	37	34	35	44.2	47.0	47.0	1,644	1,698	1,645	146	160	2,333	2,632
Wyo.-----	98	62	68	14.7	17.5	17.0	1,402	1,085	1,166	133	145	1,443	1,676
Colo.-----	802	679	604	18.0	25.6	24.0	14,122	17,314	14,496	127	155	21,989	22,469
N. Mex.-----	171	185	101	14.0	16.0	14.0	2,403	2,160	1,414	152	180	3,283	2,545
Ariz.-----	33	35	36	10.6	12.0	11.0	352	420	308	137	155	785	871
Utah.-----	24	25	24	30.1	36.0	40.0	725	900	960	164	180	1,476	1,728
Nev.-----	3	3	3	30.8	30.0	36.0	89	90	106	171	190	164	200
Pac.-----													
Wash.-----	24	17	15	44.9	52.0	58.0	1,006	884	870	150	175	1,326	1,522
Oreg.-----	44	30	28	34.7	36.5	37.0	1,502	1,095	1,036	159	185	1,741	1,917
Calif.-----	72	72	86	32.2	33.0	34.0	2,307	2,376	2,924	154	185	3,650	5,400

¹ Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at average loan rate per bushel.

² Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 715.—OATS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1939 TO 1950

[Pounds per bushel, 32. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 195-198, for U. S. totals for acreage harvested, production and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1—		FARM VALUE		
	1939- 48, AVG.		1949	1939- 48, AVG.		1949	1939-48, AVG.		1949	1950 2	1949	1950 2	1949	1950 2
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	Cts. per bu.	Cts. per bu.	1,000 dol.	1,000 dol.	
U. S.	38,762	40,440	42,027	32.8	32.9	34.9	1,274,474	1,329,473	1,465,134	66.0	77.9	876,941	1,141,522	
N. E.:														
Maine	85	95	98	38.6	42.0	49.0	3,274	3,960	4,802	77	80	3,072	3,842	
N. H.	7	5	5	36.5	37.0	42.0	243	185	210	102	105	189	220	
Vt.	46	38	37	32.7	31.0	35.0	1,500	1,178	1,298	102	105	1,202	1,300	
Mass.	6	8	7	31.7	31.0	33.0	201	248	231	102	105	253	243	
R. I.	1	1	1	31.6	30.0	33.0	32	30	33	102	105	31	35	
Conn.	5	6	5	33.9	37.0	38.0	176	222	180	102	105	226	200	
M. A.:														
N. Y.	730	779	787	32.0	29.0	43.0	23,966	22,591	33,841	76	85	17,169	28,765	
N. J.	44	44	43	30.0	34.0	39.0	1,325	1,496	1,677	77	85	1,152	1,425	
Pa.	815	821	788	31.0	30.0	38.0	26,204	24,030	29,944	76	85	18,719	25,452	
E. N. C.:														
Ohio	1,101	1,334	1,147	37.6	36.0	36.0	42,204	48,024	41,202	68	85	32,656	35,098	
Ind.	1,278	1,450	1,421	35.0	38.5	37.0	45,047	55,825	52,577	62	80	34,612	42,062	
Ill.	3,428	3,834	3,011	39.7	43.0	42.5	136,758	164,862	166,218	64	80	105,512	132,974	
Mich.	1,347	1,575	1,480	37.4	36.0	39.5	51,134	56,700	58,460	68	80	38,556	46,768	
Wis.	2,596	2,924	2,924	41.3	41.0	48.5	108,370	119,884	141,814	67	80	80,322	113,451	
W. N. C.:														
Minn.	4,548	4,952	5,101	37.6	37.0	37.0	171,594	183,224	188,737	61	75	111,767	141,563	
Iowa	5,277	6,269	6,457	35.8	38.0	41.0	189,957	244,491	264,737	64	75	156,474	198,563	
Mo.	1,815	1,714	1,782	24.6	24.0	31.0	45,072	41,136	55,242	67	75	27,561	41,432	
N. Dak.	2,168	1,743	2,126	29.1	21.5	28.0	64,168	37,474	59,528	55	65	20,611	38,603	
S. Dak.	2,039	2,956	3,311	31.2	28.0	26.5	83,696	67,988	87,742	58	70	39,433	61,419	
Nebr.	2,052	2,260	2,644	26.6	22.0	25.0	55,740	49,720	66,100	64	75	31,821	49,575	
Kans.	1,466	881	960	23.7	21.5	22.0	35,197	18,942	21,120	71	80	13,449	16,896	
S. A.:														
Del.	4	6	8	30.0	30.0	28.0	136	180	224	74	90	133	202	
Md.	39	48	55	30.5	33.0	34.0	1,174	1,584	1,870	75	90	1,188	1,683	
Va.	130	155	160	26.3	30.0	32.5	8,437	4,650	5,200	72	85	3,348	4,420	
W. Va.	70	60	55	25.1	25.5	28.5	1,752	1,630	1,568	85	90	1,300	1,411	
N. C.	308	394	402	27.0	30.0	20.5	8,417	11,820	11,869	80	90	9,466	10,673	
S. C.	637	634	678	24.3	26.0	28.0	15,572	16,484	18,984	85	90	14,011	17,086	
Ga.	591	591	597	22.7	25.0	27.0	13,502	14,775	16,119	83	90	12,263	14,507	
Fla.	24	18	16	16.5	16.0	18.0	427	288	288	137	145	395	418	
E. S. C.:														
Ky.	91	128	118	22.5	26.0	24.0	2,078	3,328	2,832	82	95	2,729	2,690	
Tenn.	178	254	239	24.6	25.0	25.0	4,504	6,360	5,975	70	95	5,016	5,676	
Ala.	213	180	158	22.3	23.5	26.0	4,840	4,230	4,108	97	105	4,103	4,313	
Miss.	328	226	249	32.4	30.5	31.0	10,510	6,893	7,710	86	100	5,928	7,710	
W. S. C.:														
Ark.	276	246	212	27.5	27.0	29.5	7,600	6,642	6,264	74	95	4,915	5,941	
La.	108	101	71	20.1	29.0	27.5	3,124	2,920	1,652	90	100	2,636	1,052	
Oklahoma	1,305	873	838	19.8	20.0	17.5	25,050	17,480	14,665	72	85	12,571	12,465	
Tex.	1,388	1,260	1,336	21.8	27.0	19.5	31,195	34,020	27,027	65	80	22,113	21,622	
Mt.:														
Mont.	387	279	444	32.3	29.0	36.0	12,612	8,091	15,084	63	65	5,097	10,390	
Idaho	179	180	212	41.2	41.5	45.0	7,367	5,470	9,540	73	75	5,453	7,155	
Wyo.	133	135	162	30.3	29.5	32.0	4,030	3,982	5,184	68	75	2,708	3,888	
Colo.	187	223	190	30.8	33.5	26.0	5,798	7,470	4,940	70	85	5,229	4,199	
N. Mex.	41	41	33	21.7	23.0	23.0	897	943	759	85	90	802	683	
Ariz.	10	11	10	28.2	30.0	30.0	283	330	300	91	90	300	270	
Utah	44	46	47	42.5	47.0	46.5	1,881	2,115	2,186	81	90	1,713	1,967	
Nev.	8	9	8	40.3	40.0	45.0	312	360	360	89	95	320	342	
Pac.:														
Wash.	165	145	167	45.5	47.0	49.0	7,487	6,815	8,183	81	80	5,520	6,546	
Oreg.	297	331	281	32.4	33.5	32.0	9,655	11,088	8,902	80	85	8,870	7,043	
Calif.	108	178	196	29.6	27.0	32.0	4,978	4,806	6,272	84	90	4,037	5,645	

¹ Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at average loan rate per bushel.

² Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 716.—BARLEY AND RICE—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1939 TO 1950

[Pounds per bushel of barley, 48; rice (rough), 45. Prices are season average prices received by farmers. See also *Historical Statistics*, series H 200-202, for U. S. barley totals for acreage harvested, production, and price.]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1939- 48 avg.	1949	1950 ²	1939- 48 avg.	1949	1950 ²	1939- 48 avg.	1949	1950 ²	1949	1950 ²	1949	1950 ²
	1,000 acres	1,000 acres	1,000 acres	Bu. 24.2	Bu. 24.0	Bu. 26.9	1,000 bu.	1,000 bu.	1,000 bu.	Cents per bu. 104	Cents per bu. 113	1,000 dol. 245,523	1,000 dol. 339,063
BARLEY													
U. S.	12,858	9,857	11,191	Bu. 24.2	Bu. 24.0	Bu. 26.9	310,668	236,737	301,009				
N. E. :													
Maine.....	4	5	6	29.0	31.0	35.0	113	155	210	128	145	108	304
Vt.	4	1	1	26.0	23.0	27.0	90	23	27	140	155	32	42
M. A. :													
N. Y.	112	72	75	26.4	25.0	34.0	2,940	1,800	2,550	108	115	1,944	2,932
N. J.	9	13	16	29.6	30.0	32.0	268	520	512	96	105	409	538
Pa.	124	135	159	30.6	40.0	35.5	3,740	5,400	5,644	94	105	5,076	5,026
E. N. C. :													
Ohio.....	30	16	26	26.5	29.0	28.0	783	464	728	105	115	487	837
Ind.	48	21	25	24.7	27.5	27.0	1,169	578	675	100	120	578	810
Ill.	79	41	48	27.5	32.0	28.0	2,173	1,312	1,344	98	125	1,286	1,680
Mich.	164	125	115	30.0	28.5	34.0	4,960	3,562	3,910	103	115	3,600	4,496
Wis.	356	188	216	33.5	34.0	41.0	11,524	6,302	8,856	127	135	8,118	11,056
W. N. C. :													
Minn.	1,261	1,061	1,252	26.6	24.0	29.5	34,108	25,404	36,934	115	130	29,284	48,014
Iowa....	155	28	60	25.5	25.0	32.0	4,041	700	1,920	101	120	707	2,304
Mo.	122	80	80	20.8	23.0	21.5	2,513	1,840	1,720	98	115	1,803	1,978
N. Dak.	2,245	1,063	2,112	21.5	15.5	24.0	45,836	25,776	50,088	103	115	26,540	58,291
S. Dak.	1,661	1,093	1,148	20.4	13.5	16.5	33,808	14,750	18,942	101	115	14,904	21,783
Nebr.	1,077	307	304	18.7	19.0	16.0	20,295	5,933	4,804	91	105	5,308	5,107
Kans.	750	221	254	17.1	17.0	14.0	12,408	3,757	3,656	94	110	3,532	3,012
S. A. :													
Del.	8	12	12	20.3	28.0	29.0	248	336	348	84	100	282	348
Md.	73	88	89	29.4	34.0	31.0	2,120	2,822	2,750	86	100	2,427	2,750
Va.	76	90	95	28.0	30.0	30.5	2,147	2,700	2,808	97	110	2,619	3,188
W. Va.	10	13	14	26.5	30.0	28.0	262	390	392	106	105	413	412
N. C.	34	36	37	24.1	26.0	24.0	822	900	888	116	130	1,044	1,154
S. C.	22	23	22	21.5	22.5	20.0	472	518	440	135	140	699	616
Ga.	7	5	5	19.6	19.0	20.0	134	95	110	151	145	143	160
E. S. C. :													
Ky.	74	68	63	23.6	26.0	23.5	1,719	1,638	1,480	97	110	1,589	1,628
Tenn.	85	60	66	20.2	18.5	18.5	1,708	1,276	1,221	100	125	1,276	1,526
Ala.	83	2	2	18.9	24.0	20.0	354	48	40	121	130	58	52
Miss.	3	2	1	24.9	25.0	25.0	64	50	25	125	125	62	31
W. S. C. :													
Ark.	9	4	4	17.8	18.0	21.0	157	72	84	110	115	79	97
Okla.	339	92	92	16.2	17.5	13.5	5,532	1,610	1,242	104	115	1,674	1,428
Tex.	238	146	133	16.6	19.0	13.0	4,060	2,774	1,729	92	105	2,532	1,815
M. I. :													
Mont.	543	524	849	25.6	23.0	28.0	13,945	12,052	23,772	80	90	10,736	21,395
Idaho....	311	297	336	35.6	34.0	36.0	11,071	10,098	13,896	94	100	9,492	13,890
Wyo.	122	163	163	29.5	20.0	28.0	3,605	4,727	4,564	91	100	4,302	4,564
Colo.	629	816	490	23.8	28.5	10.5	15,182	23,256	9,545	90	110	20,930	10,510
N. Mex.	31	33	38	20.5	22.0	22.0	610	726	836	108	110	784	920
Ariz.	72	136	163	34.9	40.0	40.0	2,602	5,440	6,520	107	105	5,821	6,846
Utah.	117	120	120	44.1	47.0	46.0	5,184	6,063	5,520	102	115	6,184	6,348
Nev.	21	27	30	35.6	36.0	35.0	735	972	1,050	109	120	1,059	1,260
Pac. :													
Wash.	170	99	250	35.7	29.0	35.0	6,210	2,871	8,750	109	105	3,129	9,188
Oreg.	268	301	370	32.3	33.0	33.0	8,774	9,933	12,210	116	120	11,522	14,652
Calif.	1,394	1,622	1,800	28.1	20.0	32.0	39,403	47,038	57,600	112	110	52,683	63,300
RICE (ROUGH)													
U. S.	1,423	1,840	1,608	46.5	49.2	52.5	66,200	90,549	84,380	185	235	167,246	198,240
Miss.	5	7	-	60.0	60.0	-	-	-	300	420	180	239	540
Ark.	272	398	343	49.2	49.4	51.7	13,387	19,686	17,722	183	239	36,044	42,268
La.	560	599	545	38.7	40.0	42.8	21,960	23,960	23,318	198	241	47,225	56,127
Tex.	383	537	481	46.2	44.4	53.3	17,406	23,807	25,653	203	252	48,437	64,646
Calif.	203	301	232	66.4	75.6	74.4	13,358	22,742	17,271	154	198	35,000	34,197

¹ Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at average loan rate per bushel for barley, and per 100 pounds for rice in California only.

² Short-time average.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 717.—RYE AND SORGHUMS FOR GRAIN—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1939 TO 1950

[Pounds per bushel of rye, 56; sorghums for grain, 50 and 60. Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF ¹		FARM VALUE	
	1939-48, avg.	1949	1950 ²	1939-48, BVG.	1949	1950 ²	1939-48, avg.	1949	1950 ²	1949	1950 ²	1949	1950 ²
RYE													
United States...	<i>1,000 acres</i> <i>2,674</i>	<i>1,000 acres</i> <i>1,500</i>	<i>1,000 acres</i> <i>1,822</i>	<i>Bu.</i> <i>12.0</i>	<i>Bu.</i> <i>12.0</i>	<i>Bu.</i> <i>12.6</i>	<i>1,000 bu.</i> <i>32,155</i>	<i>1,000 bu.</i> <i>18,739</i>	<i>1,000 bu.</i> <i>22,977</i>	<i>Cents per bu.</i> <i>122</i>	<i>Cents per bu.</i> <i>126</i>	<i>1,000 dol.</i> <i>22,807</i>	<i>1,000 dol.</i> <i>28,937</i>
New York.....	16	18	18	17.5	19.0	20.0	277	342	360	136	140	465	504
New Jersey.....	15	13	14	16.9	17.5	17.5	255	228	245	127	145	290	335
Pennsylvania.....	42	13	13	14.7	15.5	15.5	613	202	202	125	140	252	283
Ohio.....	52	15	35	16.9	18.0	19.0	872	270	665	135	140	364	391
Indiana.....	95	54	50	13.5	14.0	14.0	1,292	756	826	127	135	960	1,115
Illinois.....	56	56	62	12.8	15.0	14.0	724	840	868	128	130	1,075	1,128
Michigan.....	69	60	65	14.1	15.5	16.0	968	930	1,040	121	125	1,125	1,300
Wisconsin.....	124	92	92	11.2	13.0	12.5	1,397	1,196	1,150	124	125	1,483	1,438
Minnesota.....	220	170	162	13.5	15.0	14.5	3,002	2,550	2,349	120	125	3,060	2,936
Iowa.....	22	17	14	15.0	14.0	16.0	335	238	224	123	125	293	280
Missouri.....	41	35	36	12.4	14.0	13.0	496	490	468	123	140	603	655
North Dakota.....	487	220	234	11.8	12.0	12.0	5,777	2,748	2,808	112	115	3,078	3,220
South Dakota.....	482	247	420	11.8	10.0	5,677	2,470	5,250	115	115	2,840	6,038	
Nebraska.....	351	189	210	10.7	8.5	11.5	3,799	1,606	2,415	113	115	1,815	2,777
Kansas.....	79	26	42	10.8	10.5	10.5	840	273	441	112	125	306	551
Delaware.....	15	15	18	13.0	12.0	13.0	198	180	234	133	170	230	398
Maryland.....	19	19	18	14.3	14.0	14.0	208	206	252	138	165	367	416
Virginia.....	38	25	26	13.1	15.0	15.0	499	375	390	135	150	506	585
West Virginia.....	4	2	2	12.1	13.0	14.0	51	26	28	142	150	37	42
North Carolina.....	36	19	18	11.0	10.5	11.5	389	200	207	199	220	398	455
South Carolina.....	18	9	9	9.4	9.5	10.0	165	86	90	209	235	180	212
Georgia.....	14	5	4	8.8	10.0	11.0	117	50	44	229	260	114	114
Kentucky.....	26	27	21	13.0	14.0	11.5	344	378	242	143	165	541	399
Tennessee.....	36	20	22	10.0	10.5	10.0	367	210	220	154	180	323	306
Oklahoma.....	84	33	49	9.3	9.0	7.5	781	207	338	118	130	336	439
Texas.....	21	38	28	9.2	8.0	7.0	101	304	106	103	116	313	225
Montana.....	35	18	20	12.1	9.0	12.5	420	162	250	98	95	159	238
Idaho.....	5	3	4	14.4	15.0	13.0	74	45	52	116	110	52	57
Wyoming.....	15	7	6	10.0	12.0	12.0	162	84	72	100	105	84	76
Colorado.....	72	23	28	9.7	12.5	8.5	730	288	238	100	105	288	250
New Mexico.....	8	4	4	9.9	13.0	9.6	84	52	24	127	130	66	31
Utah.....	8	8	6	10.1	9.0	9.0	78	72	54	153	170	110	92
Washington.....	21	12	20	12.0	10.0	11.5	253	120	230	135	136	162	310
Oregon.....	37	27	35	14.0	11.0	11.0	514	297	385	127	135	377	520
California.....	12	12	12	11.5	9.0	10.0	144	108	120	135	135	146	162
SORGHUMS FOR GRAIN													
United States...	<i>6,552</i>	<i>6,612</i>	<i>10,361</i>	<i>16.4</i>	<i>23.1</i>	<i>22.9</i>	<i>108,836</i>	<i>152,630</i>	<i>237,456</i>	<i>112</i>	<i>106</i>	<i>171,287</i>	<i>250,876</i>
Indiana.....	32	1	2	27.5	32.0	27.0	345	32	54	98	106	31	57
Iowa.....	2	1	2	21.0	22.0	20.0	54	22	40	96	109	21	44
Missouri.....	52	23	23	19.7	22.0	20.5	1,038	506	472	99	112	501	529
North Dakota.....	5	4	7	14.5	12.0	13.0	69	48	91	93	104	45	95
South Dakota.....	108	12	86	11.7	10.0	11.0	1,177	120	946	120	106	144	1,003
Nebraska.....	158	68	147	16.6	24.5	26.0	2,248	1,592	3,822	123	106	1,958	4,051
Kansas.....	1,254	1,148	1,764	15.8	23.0	24.0	20,051	26,404	42,096	118	104	31,157	43,780
North Carolina.....	21	29	25	30.0	30.0	30.0	525	870	119	134	625	1,160	
Alabama.....	327	43	44	19.6	22.0	21.5	3,599	946	946	129	120	1,220	1,220
Arkansas.....	9	14	33	15.6	21.5	21.0	154	301	693	119	112	358	776
Louisiana.....	1	1	1	16.4	19.5	19.0	20	20	19	113	132	23	25
Oklahoma.....	700	628	1,014	12.1	16.5	20.0	8,592	10,362	20,280	110	104	11,398	21,091
Texas.....	3,698	3,866	6,474	16.8	24.0	23.0	62,954	92,676	148,818	109	104	101,017	154,771
Colorado.....	173	234	103	13.2	18.0	12.0	2,311	4,212	1,236	114	112	4,802	1,384
New Mexico.....	200	396	420	13.0	22.0	19.0	2,890	8,684	7,985	110	104	9,552	8,304
Arizona.....	43	61	86	35.3	44.0	44.0	1,502	2,684	3,784	128	132	3,436	4,995
California.....	129	92	136	36.3	38.0	39.0	4,694	3,496	5,304	143	143	4,909	7,585

¹ Includes an allowance for quantities of unredeemed loans and purchase agreement deliveries valued at average loan rate per bushel.² Short-time average.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 718.—GRAIN PRICES—AVERAGE MARKET PRICES, BY KIND, BY MARKET:
1909 TO 1949

[Weighted average market price per bushel of reported cash sales]

YEARLY AVERAGE OR CROP YEAR BEGINNING—	Wheat, July-June			Corn, Nov.-Oct.		Oats, Aug.-July		Barley, Aug.- July		Rye, July- June		Flax- seed, Aug.- July 1		Kafir, Nov.- Oct. ^a
	No. 1, Dark North- ern Spring, Min- neapolis	No. 2, Hard Wint- er, Kan- sas City	No. 2, Red Wint- er, Chi- cago	No. 3, Yel- low, Chi- cago	No. 3, Yel- low, Kan- sas City	No. 3, White, Chi- cago	No. 3, White, Min- neapolis	No. 2, Min- neapolis	No. 2, Min- neapolis	No. 1, Min- neapolis	No. 2, White, Kan- sas City	No. 2, White, Kan- sas City		
	No. 1, Dark North- ern Spring, Min- neapolis	No. 2, Hard Wint- er, Kan- sas City	No. 2, Red Wint- er, Chi- cago	No. 3, Yel- low, Chi- cago	No. 3, Yel- low, Kan- sas City	No. 3, White, Chi- cago	No. 3, White, Min- neapolis	No. 2, Min- neapolis	No. 2, Min- neapolis	No. 1, Min- neapolis	No. 2, White, Kan- sas City	No. 2, White, Kan- sas City		
1909-1913	\$0.99	\$0.95	\$0.99	\$0.61	\$0.60	\$0.40	\$0.38	\$0.64	\$0.70	\$1.91	\$1.34			
1914-1920	1.90	1.70	1.83	1.15	1.12	.60	.58	1.02	1.43	3.03	2.17			
1921-1925	1.44	1.27	1.33	.79	.78	.42	.38	.65	.87	2.47	1.52			
1926-1930	1.26	1.16	1.26	.85	.79	.44	.42	.65	.88	2.32	1.31			
1931-1935	.98	.78	.78	.57	.57	.31	.32	.66	.57	1.61	1.05			
1936-1940	1.08	.92	.03	.60	.68	.35	.33	.72	.64	1.86	1.06			
1941-1945	1.45	1.40	1.48	1.10	1.12	.63	.61	1.12	1.08	2.80	1.95			
1938	.70	.70	.70	.40	.48	.28	.27	.53	.44	1.78	.82			
1939	.97	.74	.76	.66	.58	.37	.33	.65	.60	1.65	1.11			
1940	.90	.82	.86	.67	.50	.36	.30	.52	.51	1.65	.93			
1941	1.10	1.12	1.12	.80	.78	.49	.46	.79	.65	2.11	1.19			
1942	1.29	1.26	1.36	.94	.90	.54	.50	.92	.73	2.58	1.85			
1943	1.55	1.45	1.67	1.14	1.13	.76	.74	1.20	1.08	3.05	2.27			
1944	1.59	1.56	1.58	1.15	1.10	.71	.67	1.30	1.22	3.10	2.01			
1945	1.71	1.60	1.68	1.92	1.67	.67	.67	1.81	1.72	3.14	2.42			
1946	2.34	2.09	2.09	1.84	1.54	.92	.85	1.78	2.55	4.82	2.01			
1947	2.88	2.52	2.46	2.14	2.34	1.06	1.14	2.32	2.65	6.38	3.15			
1948	2.37	2.10	2.27	1.85	1.31	.72	.71	1.40	1.57	5.98	2.35			
1949	2.37	2.16	1.98	1.31	1.27	.73	.73	1.50	1.42	3.92	2.15			

^a Average closing price through December 1920.

^b Special No. 2, 1929-33; No 2 Malting, thereafter.

^c Price per 100 pounds.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics, and records.

No. 719.—WHEAT, CORN, AND OATS—RECEIPTS AT PRIMARY MARKETS, BY CROP YEARS: 1943 TO 1949

[In thousands of bushels. Pounds per bushel: Wheat, 60; corn, 56; oats, 32]

YEAR BEGINNING—	Total 12 mar- kets	Chi- cago	Mil- waukee	Min- neapolis	Dul- uth	St. Louis	Kan- sas City	Pe- oria	Omaha	Indi- anapo- lis	Sioux City	St. Jo- seph	Wich- ita
WHEAT													
July 1:													
1943	707,788	70,633	8,947	214,770	110,460	70,000	110,110	17,610	34,484	17,508	7,096	15,130	22,022
1944	546,101	41,178	3,502	140,262	125,574	44,519	104,931	9,608	18,662	9,030	4,881	13,320	20,057
1945	575,527	23,388	5,375	110,747	146,874	27,805	135,364	5,045	36,797	12,623	6,834	17,262	35,338
1946	512,020	21,992	3,666	133,868	90,332	18,518	140,281	4,720	40,016	7,303	6,107	16,084	29,067
1947	609,973	42,650	4,963	141,246	104,068	20,800	170,830	3,215	42,346	9,358	4,643	15,098	41,938
1948	629,365	33,485	5,489	153,740	125,373	28,283	150,000	4,130	51,085	9,997	5,383	18,473	34,837
1949	460,035	29,941	5,121	117,428	100,362	18,404	99,332	2,943	30,800	8,004	3,303	14,524	20,057
CORN													
Oct. 1:													
1943	253,147	87,220	8,125	9,650	800	30,472	29,954	29,907	28,920	14,455	4,019	10,010	106
1944	392,350	105,210	9,070	30,072	6,057	47,809	50,375	33,818	60,283	24,340	17,589	18,570	158
1945	271,655	100,046	8,523	19,742	6,691	17,476	22,370	20,860	33,145	20,249	15,228	7,280	27
1946	447,212	165,204	11,100	25,367	4,462	85,846	40,620	44,529	52,542	30,524	17,708	13,220	2
1947	231,557	86,265	5,751	18,268	5,109	14,933	18,077	26,448	20,797	16,968	13,998	4,443	
1948	345,286	126,250	7,874	30,461	16,016	26,172	27,870	27,128	28,920	25,108	22,100	7,388	
1949	355,149	125,411	9,273	32,941	21,593	23,529	32,465	25,952	36,547	24,943	15,713	6,778	4
OATS													
July 1:													
1943	134,738	17,765	306	52,144	15,695	10,439	7,018	3,505	8,863	4,318	8,529	5,840	226
1944	134,120	22,181	1,114	57,608	15,665	8,234	3,676	2,462	8,402	2,253	7,040	5,536	54
1945	210,135	37,335	4,850	80,397	28,434	9,901	10,051	4,827	13,373	5,151	18,359	6,374	83
1946	196,960	44,579	3,927	68,757	15,594	11,057	10,562	3,890	10,104	6,280	15,144	6,066	
1947	154,829	30,391	5,458	61,730	12,809	5,147	4,543	3,983	8,077	3,496	13,879	4,855	1
1948	142,217	35,470	1,608	41,687	13,185	6,589	7,148	3,613	8,192	5,140	14,115	5,449	12
1949	129,436	36,538	2,343	31,150	15,205	7,872	6,525	2,894	7,215	5,582	9,457	5,643	12

Source: Department of Agriculture, Bureau of Agricultural Economics. Compiled from Chicago Daily Trade Bulletin through May 1942; Chicago Journal of Commerce beginning June 1942.

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NO. 720.—TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1939 TO 1950

[Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE		PRODUCTION			PRICE FOR CROP OF		
	1939-48, average	1949	1950 ¹	1939-48, average	1949	1950 ¹	1939-48, average	1949	1950 ¹	1949	1950 ¹
U. S.	1,000 acres 1,649.6	1,000 acres 1,630.9	1,000 acres 1,593.9	Lbs. 1,073	Lbs. 1,209	Lbs. 1,277	1,000 pounds 1,777,945	1,000 pounds 1,972,359	1,000 pounds 2,035,915	Cents per lb. 45.9	Cents per lb. 51.5
Mass.	6.3	8.0	8.1	1,583	1,597	1,633	9,981	13,735	13,225	75.1	71.2
Conn.	17.2	19.6	19.0	1,308	1,356	1,448	23,527	26,568	27,500	99.0	86.0
N. Y.	.0	.5	.5	1,335	1,300	1,400	1,154	860	700	22.0	-----
Pa.	35.2	38.1	30.6	1,450	1,541	1,551	51,164	58,709	61,415	26.3	-----
Ohio	22.8	20.8	20.4	1,001	1,401	1,296	24,569	29,140	26,430	37.6	-----
Ind.	0.0	10.5	9.9	1,151	1,269	1,299	11,426	13,328	12,860	40.9	-----
Wis.	22.5	20.1	21.1	1,479	1,535	1,516	33,252	30,846	31,086	26.3	-----
Minn.	.6	.4	.4	1,225	1,460	1,300	723	580	520	20.0	-----
Mo.	5.0	5.2	4.7	1,035	1,150	1,150	6,078	5,980	5,405	46.2	49.0
Kans.	.3	.2	.2	989	1,025	1,200	283	205	240	45.6	49.0
Md.	41.6	50.0	50.0	762	825	800	32,121	41,250	40,000	48.5	-----
Va.	127.1	119.5	118.8	1,043	1,146	1,391	132,659	136,972	165,220	43.9	52.5
W. Va.	2.9	3.2	3.2	1,036	1,370	1,300	3,024	4,384	4,160	48.8	45.5
N. C.	662.4	631.8	646.0	1,065	1,182	1,352	709,014	747,082	873,150	48.1	55.5
S. C.	111.0	111.0	114.0	1,066	1,325	1,320	120,400	147,075	150,480	49.0	54.8
Ga.	89.7	93.0	93.1	985	1,244	1,061	88,728	115,070	101,546	42.3	49.9
Fla.	21.1	22.9	22.0	911	1,094	1,032	19,157	25,063	22,700	68.2	81.1
Ky.	360.9	362.8	319.8	1,004	1,208	1,140	386,325	438,245	364,450	43.4	-----
Tenn.	106.6	111.9	102.2	1,122	1,218	1,305	123,872	136,277	133,320	40.4	-----
Ala.	.4	.5	.5	819	800	900	307	400	450	35.7	47.0
La.	.4	.3	.4	466	667	375	183	200	150	60.0	-----

¹ Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

NO. 721.—WHEAT, CORN, RICE, AND TOBACCO—QUANTITY EXPORTED AND IMPORTED: 1927 TO 1950

[Year ending June 30]

PRODUCT	1927-31 avg.	1932-36 avg.	1937-41 avg.	1942-46 avg.	1947	1948	1949	1950
DOMESTIC EXPORTS¹								
Wheat and flour (in terms of grain) 1,000 bu. ² ..	174,766	50,295	67,879	100,386	367,207	480,180	502,425	298,380
Corn and meal (in terms of grain) 1,000 bu..	18,941	4,170	45,726	13,064	108,334	128,695	90,621	113,314
Rice..... Tobacco, unmanufactured.....	315,474 552,707	154,467 418,195	286,640 374,397	530,386 375,015	853,380 592,016	939,380 411,371	930,547 451,001	1,038,274 480,608
IMPORTS FOR CONSUMPTION³								
Wheat and flour (in terms of grain) 1,000 bu. ² ..	16,491	21,106	16,512	47,354	2,025	149	4,630	11,029
Corn and meal (in terms of grain) 1,000 bu..	1,859	10,507	23,018	2,205	030	735	637	1,087
Rice..... Tobacco, unmanufactured.....	43,734 78,384	41,448 62,074	86,080 74,398	7,221 75,343	3,584 92,400	6,087 74,970	4,532 88,465	5,136 80,804

¹ Excluding reexports. Effective Jan. 1, 1947, includes shipments under various special programs including ECA.

² Flour converted to grain at rate of 4.7 bushels to a barrel.

³ Imports for consumption beginning 1933; general imports prior thereto.

Sources: Department of Agriculture, Office of Foreign Agricultural Relations, compiled from official records of Bureau of Census. Published currently in Foreign Agricultural Trade.

COTTON AND COTTONSEED

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No. 722.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1950

[Cotton production excludes liners. Figures for production in some States differ slightly from census figures on ginnings due to ginnings in 1 State of cotton grown in another. Where figures are not shown for individual States, separate data are not available for entire period but are included in United States totals. Values shown are for marketing season or crop year and should not be confused with calendar year income. Yields and prices for periods are simple averages of figures for individual years. Tons are of 2,000 pounds. See also *Historical Statistics*, series E 217-224, for U. S. totals for acres harvested, production, and price.]

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound ¹	Quantity	Farm value	Farm price per ton ¹	
United States:									
1936-1940	27,058	18,534	646,935	239	9.66	5,684	132,166	23.49	779,101
1941-1945	20,632	11,247	1,110,463	261	19.84	4,602	228,712	49.83	1,339,175
1946	17,615	8,640	1,409,671	235	32.64	3,514	252,674	71.90	1,662,345
1947	21,269	11,857	1,892,528	267	31.93	4,682	402,015	85.90	2,294,543
1948	22,821	14,877	2,262,227	313	30.41	5,945	389,755	67.20	2,661,982
1949	27,280	16,128	2,304,040	284	28.58	6,569	284,810	243.40	2,589,450
1950	17,850	9,884	1,977,100	265	24.00	3,405	343,005	85.70	2,320,105
Alabama:									
1936-1940	2,211	1,084	51,927	231	9.64	429	10,031	23.30	61,958
1941-1945	1,568	922	92,656	281	20.00	352	17,343	49.12	109,999
1946	1,530	822	138,392	258	33.66	313	21,065	67.30	159,457
1947	1,500	981	150,046	298	32.21	347	27,586	78.50	177,632
1948	1,630	1,197	185,068	353	30.91	469	28,515	60.80	213,583
1949	1,810	862	127,664	226	29.98	351	14,812	24.20	142,476
1950	1,310	570	114,285	209	24.10	220	17,050	77.50	131,335
Arizona:									
1936-1940	224	219	12,312	468	11.55	99	2,295	23.30	14,607
1941-1945	204	152	17,629	238	47	89	3,394	50.02	21,022
1946	145	168	22,028	521	30.35	65	5,468	84.10	29,386
1947	225	284	35,234	407	30.18	93	8,277	89.00	48,511
1948	281	328	50,118	558	30.59	137	9,316	68.00	59,484
1949	400	543	74,402	649	27.40	220	9,944	45.20	84,346
1950	273	440	93,450	771	24.60	186	18,135	75.50	111,585
Arkansas:									
1936-1940	2,817	1,492	69,525	310	9.44	633	14,675	23.52	84,200
1941-1945	1,821	1,205	126,490	340	10.71	535	26,405	49.58	152,805
1946	1,700	1,281	207,317	361	32.30	532	38,730	72.80	240,047
1947	2,050	1,276	199,181	298	31.23	490	42,189	86.10	241,370
1948	2,220	1,982	296,291	428	29.90	766	49,442	65.40	345,733
1949	2,530	1,632	228,788	300	28.03	674	28,510	24.30	257,208
1950	1,670	1,100	216,700	315	20.40	442	34,607	78.50	251,307
California:									
1936-1940	401	518	26,656	627	10.40	211	5,322	25.78	31,978
1941-1945	323	365	36,294	540	19.98	148	7,638	51.99	43,632
1946	358	458	70,853	613	30.94	185	15,522	83.90	86,375
1947	534	772	128,569	603	38.81	298	28,616	97.00	157,184
1948	804	968	151,683	576	31.36	376	27,523	73.20	179,206
1949	957	1,268	178,020	634	28.17	470	22,084	24.60	200,063
1950	578	930	204,597	770	24.40	364	36,400	100.00	240,997
Florida:									
1936-1940	88	28	1,258	145	9.89	12	258	21.03	1,518
1941-1945	41	14	1,365	168	19.55	6	274	44.98	1,639
1946	20	6	983	147	32.71	2	108	55.80	1,091
1947	24	11	1,703	213	31.84	4	292	72.90	1,955
1948	29	15	2,302	240	30.64	6	401	60.90	2,703
1949	50	16	2,347	153	29.40	7	322	24.60	2,669
1950	31	14	2,569	217	26.70	6	396	66.00	2,965
Georgia:									
1936-1940	2,162	1,073	52,404	236	9.80	446	10,612	23.72	63,016
1941-1945	1,545	761	77,615	235	20.38	308	15,376	49.93	92,901
1946	1,210	557	95,224	221	34.20	223	15,052	67.50	110,276
1947	1,270	651	106,374	246	32.67	253	20,797	82.20	127,171
1948	1,289	751	110,866	279	31.11	303	20,160	66.50	137,016
1949	1,600	604	90,385	181	29.93	252	11,038	24.80	101,423
1950	1,045	495	98,505	227	30.80	199	15,980	80.30	114,485
Louisiana:									
1936-1940	1,268	748	36,655	280	9.62	315	7,154	22.54	42,800
1941-1945	937	530	52,549	270	19.77	218	10,662	48.72	63,211
1946	800	247	40,949	148	33.16	103	6,376	61.90	47,325
1947	830	505	81,782	202	32.43	201	16,040	79.80	97,822
1948	950	756	117,862	382	31.20	802	20,143	66.70	138,005
1949	1,050	650	95,458	298	29.35	264	11,114	24.10	106,572
1950	730	480	85,570	283	29.80	176	13,974	29.40	99,544
Mississippi:									
1936-1940	2,798	1,828	89,984	309	9.91	816	20,159	24.68	110,143
1941-1945	2,366	1,746	182,380	363	20.85	733	37,900	51.68	220,280
1946	2,220	1,047	173,832	226	33.22	425	20,452	69.30	203,284
1947	2,350	1,589	259,908	320	33.14	603	53,727	89.10	313,635
1948	2,560	2,363	365,862	441	31.10	912	62,381	68.40	428,243
1949	2,730	1,487	221,874	261	29.85	612	27,295	24.60	249,169
1950	2,035	1,340	266,660	316	29.80	536	42,076	27.80	308,736

¹ Season average price.² 1950 based on 1945-49 average of lint to cottonseed.² Includes an allowance for unredeemed loans.

No. 722.—COTTON AND COTTONSEED—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1936 TO 1950—Continued

YEARLY AVERAGE OR YEAR	COTTON					COTTONSEED			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound ¹	Quantity	Farm value	Farm price per ton ¹	
Missouri:									
1936-1940	Thou-sands	Thou-sands	1,000 dollars	Pounds	Cents	1,000 short tons	1,000 dollars	Dollars	1,000 dollars
1941-1945	422	375	17,365	433	9.39	167	3,030	22.05	21,004
1946	373	856	34,708	456	19.85	151	7,018	46.71	41,726
1947	310	307	47,516	473	31.00	132	9,280	70.30	56,796
1948	431	311	47,812	345	30.76	132	11,062	83.80	58,874
1949	555	506	78,335	436	29.00	213	18,453	63.30	86,818
1950	583	462	66,335	378	28.30	201	8,100	40.30	73,435
New Mexico:	420	263	50,474	288	2 30.90	3 109	8,284	2 76.00	58,758
1936-1940	114	120	5,816	507	9.79	47	1,128	24.12	6,044
1941-1945	117	109	12,308	445	22.59	45	2,342	52.51	14,650
1946	119	142	23,019	573	33.64	56	4,312	77.00	28,231
1947	161	179	30,280	570	33.74	71	6,681	94.10	30,961
1948	209	236	35,249	542	32.38	95	6,650	70.00	44,890
1949	309	276	40,635	428	2 29.40	109	4,054	2 42.70	45,289
1950	172	100	40,866	529	2 48.10	3 77	7,584	2 98.50	48,440
North Carolina:									
1936-1940	897	592	29,488	315	9.94	244	5,936	24.31	35,424
1941-1945	758	603	60,705	380	20.30	246	11,920	48.51	72,625
1946	570	440	71,751	370	32.65	177	12,691	71.70	84,442
1947	647	452	73,644	335	32.59	177	14,231	80.40	87,875
1948	725	678	104,357	447	30.80	282	17,005	60.30	121,302
1949	860	466	67,980	259	2 29.16	197	8,313	2 42.20	76,293
1950	565	180	30,450	152	2 40.50	3 74	6,068	2 92.00	42,518
Oklahoma:									
1936-1940	1,977	591	24,978	147	8.74	256	5,304	21.72	30,282
1941-1945	1,502	546	47,950	174	17.96	228	10,769	48.11	58,719
1946	1,020	262	39,389	123	30.07	109	8,840	81.10	48,229
1947	1,120	330	49,939	141	30.24	137	11,988	87.50	61,927
1948	1,025	374	53,720	175	28.60	158	10,776	68.20	64,490
1949	1,300	610	84,726	225	2 27.80	246	10,430	2 42.40	95,156
1950	820	230	43,700	134	2 38.00	3 96	8,040	2 90.00	52,340
South Carolina:									
1936-1940	1,358	865	43,084	307	9.90	350	8,328	23.93	51,412
1941-1945	1,094	666	68,142	291	20.25	272	13,473	49.57	81,615
1946	960	697	118,861	348	34.13	281	18,827	67.00	137,688
1947	1,050	651	105,972	207	32.58	253	20,341	80.40	126,313
1948	1,120	871	133,160	372	30.50	350	22,204	62.10	156,450
1949	1,270	554	81,693	209	2 29.49	233	9,949	2 42.70	91,642
1950	870	400	79,800	220	2 39.00	3 162	12,442	2 76.80	92,242
Tennessee:									
1936-1940	778	508	23,769	313	9.40	205	4,882	24.16	28,651
1941-1945	678	548	53,333	380	19.50	210	10,287	49.22	63,621
1946	620	520	83,930	402	32.33	205	15,232	74.30	99,221
1947	700	520	84,589	356	32.53	197	17,395	88.30	101,984
1948	770	669	100,381	417	30.00	255	16,524	64.80	116,905
1949	830	633	92,035	365	2 29.10	261	11,119	2 42.00	102,154
1950	600	400	80,000	310	2 40.00	3 156	12,402	2 79.50	92,402
Texas:									
1936-1940	9,982	3,451	160,603	166	9.44	1,420	32,014	22.60	102,677
1941-1945	7,258	2,601	242,182	171	18.90	1,064	53,074	50.28	205,250
1946	6,000	1,669	268,438	134	32.10	1,064	50,870	73.30	319,308
1947	8,350	3,437	533,040	198	31.02	1,417	121,862	86.00	654,902
1948	8,610	3,153	466,080	176	29.62	1,306	94,163	72.10	501,102
1949	10,000	6,040	847,632	266	2 28.07	2,438	106,541	2 43.70	954,173
1950	6,700	2,900	501,011	208	2 38.70	3 1,197	108,568	2 90.70	669,679
Virginia:									
1936-1940	45	25	1,231	264	9.62	10	256	24.30	1,487
1941-1945	31	26	2,549	401	19.85	11	522	48.45	3,071
1946	20	17	2,708	404	32.21	7	534	76.30	3,242
1947	23	18	2,820	360	31.00	7	580	82.80	3,400
1948	26	24	3,712	447	30.68	10	587	58.70	4,290
1949	32	20	2,938	305	2 28.63	9	385	2 42.80	3,323
1950	18	5	1,015	133	2 40.60	3 2	180	2 90.00	1,105
Other States:									
1936-1940	23	19	819	383	8.98	8	172	22.95	901
1941-1945	18	17	1,608	451	19.50	7	316	47.68	1,923
1946	13	10	1,627	881	31.08	4	317	75.10	1,044
1947	14	10	1,626	350	31.17	4	352	86.40	1,978
1948	18	16	2,328	435	29.16	6	402	68.50	2,728
1949	19	15	2,119	363	2 28.50	6	250	2 42.20	2,369
1950	13	7	1,458	268	2 30.40	3 3	219	2 74.60	1,677

¹ Season average price. ² Includes an allowance for unredeemed loans.³ 1950 based on 1945-49 average of lint to cottonseed.

No. 723.—COTTON (EXCLUDING LINTERS)—PRODUCTION, CONSUMPTION, EXPORTS, IMPORTS, PRICES, AND CARRY-OVER: 1916 TO 1950

[All figures, except average price, in thousands of bales. Production figures relate to crop of preceding calendar year and are compiled from reports of individual ginners. Price per pound is average price received by growers. For data prior to 1916, see 1949 and earlier editions of the *Statistical Abstract*.]

YEARLY AVERAGE OR YEAR ENDING JULY 31	PRODUCTION		Average price per pound upland cotton (cents)	Con- sumption (running bales)	Exports of do- mestic cotton (running bales)	Imports (equiva- lent 500- pound bales)	Carry- over (running bales)
	Running bales, counting round as half bales	Equivalent 500-pound bales, gross weight					
1916-20.....	11,382	11,481	24.0	6,388	5,524	361	3,432
1921-25.....	10,958	11,985	21.4	5,869	6,083	318	2,971
1926-30.....	15,101	15,268	17.4	6,735	8,251	365	3,327
1931-35.....	13,046	13,343	8.9	5,485	7,244	115	7,833
1936-40.....	12,783	13,148	9.9	6,938	5,306	171	9,008
1941-45.....	11,640	11,957	17.3	10,301	1,372	185	11,074
1942.....	10,495	10,742	17.0	11,170	1,125	252	10,640
1943.....	12,438	12,820	19.0	11,100	1,480	168	10,657
1944.....	11,129	11,429	19.9	9,943	1,138	129	10,744
1945.....	11,839	12,230	20.7	9,568	2,007	100	11,164
1946.....	8,813	9,016	22.5	9,163	3,613	343	7,326
1947.....	8,517	8,699	32.6	10,025	3,544	284	2,530
1948.....	11,557	11,857	31.9	9,354	1,970	244	3,080
1949.....	14,580	14,808	30.4	7,795	4,747	173	5,287
1950.....	15,900	16,128	28.6	8,851	5,770	254	6,846

Source: Department of Commerce, Bureau of the Census (except price per pound from Department of Agriculture, Bureau of Agricultural Economics); annual report, Cotton Production and Distribution.

No. 724.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION AND EXPORTS: 1881 TO 1950

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Tons are 2,000 pounds. For value of cottonseed products, 1881-1945, see 1949 *Statistical Abstract*. See also *Historical Statistics*, series J 175, for data on cottonseed oil production.]

YEARLY AVERAGE OR YEAR ENDING JULY 31 OR JUNE 30	COTTONSEED		COTTONSEED PRODUCTS				
	Pro- duc- tion	Used in mills	Production			Exports	
			Oil	Meal and cake	Hulls	Linters	Oil
1881-1890.....	1,000 tons	1,000 tons	1,000 pounds	1,000 tons	1,000 tons	Bales ¹	1,000 pounds
1891-1900.....	3,018	553	165,810	193	1,169	114,544	34,038
1901-1905.....	4,280	1,625	483,015	570	1,382	167,327	191,157
1906-1910.....	5,130	3,085	890,745	1,130	1,195	282,064	297,888
1911-1915.....	5,258	3,296	990,450	1,339	2,122	595,225	548
1916-1920.....	6,353	4,847	1,466,940	2,101	1,195	311,463	578
1921-1925.....	5,116	4,285	1,302,050	2,041	1,093	943,474	172,877
1926-1930.....	4,878	3,046	1,125,196	1,054	1,082	578,384	106,371
1931-1935.....	6,784	5,319	1,631,597	2,409	1,495	1,117,754	238
1936-1940.....	5,932	4,474	1,308,611	2,032	1,220	954,186	28,100
1941-1945.....	5,847	4,653	1,444,771	2,101	1,195	1,354,871	7,681
1946-1950.....	5,130	4,223	1,327,149	1,898	1,019	1,489,821	19,650
1942.....	4,788	4,008	1,249,872	1,753	992	1,436,213	7,864
1943.....	5,717	4,498	1,400,534	1,995	1,085	1,646,228	1
1944.....	4,680	3,955	1,235,829	1,834	927	1,412,340	8,061
1945.....	4,902	4,254	1,324,030	1,954	984	1,500,288	7,383
1946.....	3,663	3,262	1,017,546	1,434	783	1,101,553	5,878
1947.....	3,511	3,090	973,083	1,363	727	1,182,619	7,627
1948.....	4,683	4,082	1,275,003	1,898	923	1,623,820	32,588
1949.....	5,943	5,332	1,703,762	2,391	1,236	1,953,259	81,580
1950.....	6,614	5,682	1,837,615	2,543	1,332	2,003,003	146,600

¹ Of 500 pounds net.

² 6-year average, 1895-1900.

³ Less than 500 tons.

⁴ Figures for 1900.

Source: Department of Commerce, Bureau of the Census; annual report, Cotton Production and Distribution.

No. 725.—COTTONSEED AND COTTONSEED PRODUCTS—PRODUCTION, BY STATES: 1950

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Tons are 2,000 pounds. Bales are 500 pounds net]

STATE	COTTONSEED		COTTONSEED PRODUCTS			
	Production	Used in mills	Oil	Meal and cake	Bolls	Linters
	1,000 tons 6,614	1,000 tons 5,682		1,000 pounds 1,837,615	1,000 tons 2,543	Bales 2,003,093
Total						
Alabama	354	236	75,415	107	60	76,277
Arizona	220	181	57,457	77	47	69,727
Arkansas	677	530	178,240	217	134	103,474
California	491	418	143,640	195	83	170,269
Georgia	262	305	68,535	137	72	115,560
Louisiana	265	211	68,032	91	52	70,820
Mississippi	611	565	180,392	244	130	100,718
North Carolina	190	103	62,885	89	41	78,065
Oklahoma	242	283	87,290	130	60	90,269
South Carolina	233	170	51,720	77	34	67,071
Tennessee	261	469	162,860	193	115	172,181
Texas	2,488	1,941	606,370	611	452	635,183
All other States	321	180	58,752	75	44	63,640

Source: Department of Commerce, Bureau of the Census; annual report, Cotton Production and Distribution.

No. 726.—SWEETPOTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1939 TO 1950

[Pounds per bushel, 55. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 228-230, for U. S. totals for acreage harvested, production, and price.]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF		FARM VALUE		
	1939-1948, average	1949	1950 ¹	1939-1948, average	1949	1950 ¹	1939-1948, average	1949	1950 ¹	1949	1950 ¹	1949	1950 ¹	
		1,000 acres 683	1,000 acres 651		Bu. 91	Bu. 101		1,000 bu. 61,786	1,000 bu. 55,368		1,000 bu. 58,729	Cts. per bu. 215	Cts. per bu. 172	1,000 dol. 118,770	1,000 dol. 100,743
United States														
New Jersey	16	16	17	140	150	170	2,176	2,400	2,890	220	180	5,280	5,202	
Indiana	2	1	1	103	105	130	165	94	91	234	185	220	168	
Illinois	3	2	2	86	90	100	258	180	200	201	160	362	320	
Iowa	2	2	2	97	110	105	179	165	158	210	205	346	324	
Missouri	8	6	6	94	95	735	577	690	238	210	1,357	1,449		
Kansas	2	1	1	108	105	115	246	147	161	240	210	353	338	
Delaware	2	1	2	122	120	130	207	108	91	182	180	197	164	
Maryland	0	9	9	154	150	160	1,369	1,360	1,360	191	175	2,578	2,380	
Virginia	29	24	24	116	120	130	3,380	2,880	3,120	180	165	5,443	5,148	
North Carolina	70	58	50	107	113	115	7,403	6,554	6,785	215	185	14,091	12,552	
South Carolina	56	48	53	94	100	107	5,318	4,800	5,671	204	170	9,792	9,641	
Georgia	87	67	65	78	90	90	6,723	6,030	5,850	216	185	13,025	10,822	
Florida	17	14	15	66	70	70	1,120	980	1,050	235	235	2,597	2,488	
Kentucky	15	11	10	82	83	87	1,248	913	870	220	205	2,009	1,784	
Tennessee	35	21	19	95	105	100	3,280	2,205	1,900	226	180	4,083	3,420	
Alabama	70	56	53	78	83	93	5,519	4,565	4,929	237	215	10,819	10,597	
Mississippi	59	42	43	89	95	100	5,271	3,990	4,300	235	195	9,376	8,385	
Arkansas	21	14	13	81	93	91	1,712	1,302	1,183	224	215	2,916	2,543	
Louisiana	99	87	98	87	100	105	8,615	8,700	10,290	169	90	14,703	9,261	
Oklahoma	9	6	6	64	75	75	1,592	450	450	231	210	1,040	945	
Texas	61	55	54	84	105	95	5,110	5,775	5,130	203	165	11,723	8,464	
California	11	11	13	106	110	120	1,151	1,210	1,560	460	280	5,516	4,368	

¹ Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

POTATOES

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No. 727.—POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1939 TO 1950

[Pounds per bushel, 60. Prices are season average prices received by farmers. See also *Historical Statistics*, series D 225-227, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1939- 48, avg.	1949	1950 ¹	1939- 48, avg.	1949	1950 ¹	1939-48, avg.	1949	1950 ¹	Dols. per bu.	Dols. per bu.	1949	1950 ¹
		1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	1,000 bu.	1,000 bu.	1,000 bu.	1.29	.98	1,000 dol.	1,000 dol.
U. S.	2,654	1,913	1,847	Bu.	Bu.	Bu.	403,284	411,565	439,500	1.29	.98	631,763	428,859
N. E.:													
Maine	182	151	130	305	465	475	56,252	70,215	61,750	1.00	.80	70,215	49,400
N. H.	7	4	4	169	225	245	1,108	968	980	1.60	1.30	1,549	1,274
Vt.	11	6	6	142	185	195	1,479	1,128	1,092	1.50	1.35	1,704	1,474
Mass.	20	14	13	164	205	215	3,183	2,850	2,816	1.60	1.25	4,816	3,520
R. I.	6	6	5	206	200	255	1,231	1,160	1,275	1.60	1.25	1,926	1,594
Conn.	17	13	12	201	230	295	3,431	3,013	3,481	1.60	1.15	4,821	4,003
M. A.:													
N. Y.	183	130	113	173	236	304	31,686	30,660	34,315	1.12	.70	34,339	24,020
N. J.	62	47	44	182	182	295	11,142	8,554	12,980	1.27	.88	10,864	10,773
Pa.	146	103	95	135	186	195	19,224	19,158	18,526	1.31	1.05	25,097	19,451
E. N. C.:													
Ohio	72	38	38	110	165	200	8,174	6,270	7,600	1.60	1.35	10,032	10,260
Ind.	38	20	10	129	195	255	4,640	3,900	4,845	1.72	1.50	6,708	7,268
Ill.	26	10	9	88	100	98	2,214	1,000	882	1.78	1.50	1,780	1,323
Mich.	172	104	97	108	165	180	18,136	17,180	17,480	1.25	1.00	21,450	17,480
Wis.	142	80	77	95	170	195	12,894	13,600	15,015	1.42	1.25	18,312	18,769
W. N. C.:													
Minn.	183	100	98	105	170	180	18,349	17,000	17,040	1.18	.65	20,230	18,758
Iowa	36	11	10	99	100	130	3,637	1,100	1,300	1.77	1.60	1,047	2,080
Mo.	33	19	17	110	128	138	3,507	2,432	2,346	1.40	1.30	3,624	3,050
N. Dak.	151	117	117	125	185	190	18,666	21,645	22,230	1.15	.90	24,892	20,007
S. Dak.	30	18	15	85	70	150	2,519	1,260	2,250	1.72	1.45	2,167	3,262
Nebr.	71	52	52	154	170	225	10,731	8,840	11,700	1.21	.75	10,696	8,726
Kans.	21	12	10	64	96	106	1,920	1,114	1,000	1.18	1.20	1,315	1,270
S. A.:													
Del.	4	4	4	87	140	157	325	490	628	1.56	1.20	764	754
Md.	18	14	13	111	115	129	1,967	1,587	1,664	1.51	1.30	2,396	2,163
Va.	71	54	55	127	169	171	8,883	9,126	9,405	1.42	.95	12,950	8,935
W. Va.	30	19	18	102	110	110	3,015	2,090	1,980	1.83	1.00	3,825	3,168
N. C.	82	63	64	114	129	162	9,302	8,127	10,368	1.35	.80	10,971	8,294
S. C.	24	15	17	107	110	104	2,563	1,650	1,768	1.93	1.34	3,184	2,369
Ga.	23	18	16	68	72	78	1,541	1,296	1,248	1.79	1.45	2,320	1,810
Fla.	31	23	26	136	236	217	4,150	5,428	5,604	2.30	1.67	12,484	9,459
E. S. C.:													
Ky.	41	30	26	89	91	93	3,616	2,730	2,418	1.41	.95	3,840	2,297
Tenn.	39	25	22	82	90	100	3,100	2,250	2,200	1.50	1.08	3,345	2,376
Ala.	48	33	35	92	104	113	4,318	3,432	3,955	1.82	1.31	6,246	5,181
Miss.	24	16	15	68	70	69	1,658	1,120	1,035	2.26	1.75	2,531	1,811
W. S. C.:													
Ark.	39	26	23	82	80	81	3,192	2,080	1,863	1.61	1.30	3,349	2,422
La.	42	21	21	58	59	66	2,446	1,239	1,386	1.91	1.58	2,366	2,190
Olde.	24	11	10	68	74	87	1,654	814	870	1.60	1.20	1,302	1,044
Tex.	51	38	32	89	97	86	4,560	3,686	2,752	1.70	1.53	6,266	4,211
Mt.:													
Mont.	16	15	14	124	155	185	1,996	2,325	2,500	1.61	1.50	3,743	3,885
Idaho	153	144	158	230	250	295	36,548	36,000	46,610	1.08	.65	38,880	30,298
Wyo.	18	11	11	167	170	205	2,204	1,870	2,152	1.75	1.10	3,272	2,367
Colo.	78	66	62	212	285	300	16,618	18,810	18,600	1.48	1.10	25,058	20,460
N. Mex.	4	3	3	80	82	80	279	246	240	1.58	1.45	389	348
Ariz.	4	4	5	222	205	356	1,072	1,268	1,704	2.05	1.30	2,599	2,215
Utah.	15	15	15	177	220	230	2,072	2,388	3,335	1.37	1.15	4,642	3,835
Nev.	3	2	2	196	220	260	518	306	408	1.43	1.30	506	608
Pac.:													
Wash.	38	36	38	236	280	310	8,953	10,080	11,780	1.38	1.20	13,910	14,138
Oreg.	42	41	40	239	290	330	10,164	11,890	13,200	1.27	.95	15,100	12,540
Calif.	92	111	123	345	408	391	31,698	45,120	48,075	1.44	1.15	64,973	69,041

¹ Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 728.—ALL HAY—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1939 TO 1950

[See also *Historical Statistics*, series E 211-216, for U. S. totals for acreage harvested, production, and price]

DIVISION AND STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF 1		FARM VALUE	
	1939-48, avg.	1949	1950 ²	1939-48, avg.	1949	1950 ²	1939-48, avg.	1949	1950 ²	1949	1950 ²	1949	1950 ²
	1,000 acres	1,000 acres	1,000 acres	Tons ³	Tons ³	Tons ³	1,000 tons ³	1,000 tons ³	1,000 tons ³	Dols. per ton	Dols. per ton	1,000 dol.	1,000 dol.
U. S.	74,470	72,995	75,741	1,35	1,36	1,41	100,344	99,536	106,819	21,30	21,30	2,122,276	2,251,435
N. E.:													
Maine	894	877	890	.96	.95	.89	858	834	788	20.20	20.00	24,353	22,852
N. H.	372	361	357	1.15	1.08	1.15	428	391	410	33.10	34.00	12,942	13,940
Vt.	1,004	1,042	1,019	1.39	1.30	1.37	1,402	1,357	1,307	34.00	33.00	46,138	46,101
Mass.	372	374	374	1.56	1.50	1.58	580	561	590	37.40	38.00	20,981	22,420
R. I.	36	36	37	1.38	1.39	1.51	50	50	50	37.00	37.50	1,850	2,100
Conn.	294	291	287	1.52	1.59	1.68	448	464	481	38.60	39.00	17,910	18,769
M. A.:													
N. Y.	3,040	3,826	3,848	1.48	1.27	1.59	5,836	4,878	6,100	27.30	22.50	133,160	137,250
N. J.	259	253	260	1.61	1.70	1.49	420	430	467	30.10	31.50	12,943	14,710
Pa.	2,434	2,389	2,468	1.43	1.42	1.48	3,481	3,392	3,641	24.70	25.00	83,782	91,025
E. N. C.:													
Ohio	2,550	2,429	2,680	1.45	1.46	1.49	3,707	3,550	3,994	22.40	23.00	79,654	91,862
Ind.	1,896	1,570	1,850	1.86	1.43	1.42	2,580	2,253	2,622	21.60	21.50	48,605	50,373
Ill.	2,839	2,195	2,797	1.42	1.71	1.65	4,026	3,755	4,602	21.00	20.50	78,855	94,341
Mich.	2,736	2,553	2,735	1.38	1.32	1.39	3,779	3,302	3,794	20.50	20.50	68,921	77,777
Wis.	4,093	3,934	3,946	1.67	1.60	1.70	6,844	6,288	7,051	22.60	22.00	142,109	155,122
W. N. C.:													
Minn.	4,351	3,625	3,812	1.47	1.30	1.44	6,402	5,021	5,404	18.40	18.50	92,386	101,630
Iowa	3,521	3,043	3,648	1.56	1.60	1.74	5,511	4,884	6,347	17.90	16.50	87,424	98,378
Mo.	3,003	3,734	3,686	1.17	1.36	1.31	4,215	5,095	4,823	16.50	17.00	34,068	81,091
N. Dak.	3,128	3,470	3,670	.96	.86	.94	3,018	3,002	3,440	15.30	15.00	45,931	51,600
S. Dak.	3,285	4,337	4,677	.84	.66	.73	2,794	2,873	3,405	16.80	17.00	48,266	57,885
Nebr.	3,822	4,460	4,532	.99	1.12	1.13	3,283	4,936	5,115	14.70	15.00	73,294	76,725
Kans.	1,064	1,090	1,950	1.55	1.60	1.68	2,004	3,290	3,273	16.50	16.50	81,134	54,004
S. A.:													
Del.	74	67	69	1.30	1.34	1.39	96	90	96	22.30	23.00	2,007	2,208
Md.	444	456	472	1.31	1.43	1.36	583	650	644	23.30	23.50	15,145	15,134
Va.	1,353	1,352	1,351	1.13	1.33	1.27	1,536	1,800	1,719	26.30	27.00	47,340	46,413
W. Va.	705	815	820	2.21	1.26	1.28	961	1,024	1,050	23.00	23.50	23,552	24,675
N. C.	1,229	1,101	1,140	.99	1.16	1.09	1,210	1,384	1,246	28.60	28.50	39,582	35,511
S. C.	650	604	422	.78	.68	.82	451	484	344	31.70	31.00	16,343	10,664
Ga.	1,402	1,070	979	.54	.64	.62	750	683	604	18.60	20.00	12,704	12,080
Fla.	120	85	88	.54	.61	.60	64	62	53	17.20	17.50	804	928
E. S. C.:													
Ky.	1,748	1,863	1,898	1.28	1.41	1.39	2,258	2,035	2,033	23.80	23.50	62,713	61,876
Tenn.	1,885	1,796	1,611	1.15	1.36	1.32	2,178	2,436	2,126	22.10	23.00	53,836	48,898
Ala.	1,032	757	717	.73	.80	.86	754	650	616	22.00	22.50	14,300	13,860
Miss.	897	752	748	1.23	1.31	1.39	1,098	988	1,041	23.40	24.00	23,119	24,984
W. S. C.:													
Ark.	1,308	1,248	1,273	1.14	1.35	1.27	1,589	1,681	1,623	18.20	20.50	30,594	33,272
La.	331	324	316	1.23	1.38	1.40	406	446	441	22.50	23.50	10,035	10,364
Oklahoma	1,315	1,316	1,331	1.22	1.43	1.39	1,607	1,880	1,855	16.00	17.00	30,080	31,535
Tex.	1,505	1,189	1,149	.95	1.18	1.11	1,426	1,348	1,281	19.70	19.50	26,560	24,980
Mont.	2,144	2,288	2,601	1.21	1.06	1.15	2,589	2,415	2,999	26.10	24.50	63,032	73,476
Idaho	1,152	1,121	1,144	2.09	2.16	2.12	2,401	2,422	2,424	19.00	20.50	46,018	49,692
Wyo.	1,088	1,131	1,119	1.13	1.13	1.03	1,233	1,283	1,150	21.00	23.50	20,943	27,026
Colo.	1,411	1,412	1,347	1.54	1.67	1.47	2,177	2,360	1,984	20.30	27.50	47,908	54,500
N. Mex.	218	220	229	2.14	2.30	2.36	406	506	540	21.60	24.50	10,930	13,230
Ariz.	273	257	257	2.24	2.45	2.64	614	629	653	19.70	18.50	12,391	12,080
Utah	570	562	555	2.01	2.17	1.91	1,145	1,210	1,062	20.80	22.00	25,355	23,364
Nev.	417	443	450	1.45	1.55	1.47	606	688	602	20.60	20.50	14,173	13,571
Pac.:													
Wash.	917	844	873	1.95	1.86	1.99	1,700	1,571	1,737	25.70	26.50	40,375	46,080
Oreg.	1,106	1,077	1,123	1.76	1.59	1.70	1,942	1,710	1,904	26.00	25.50	44,460	48,552
Calif.	1,959	2,051	2,127	2.85	2.81	3.03	5,590	5,771	6,442	22.20	19.50	128,116	125,019

¹ Price of hay sold baled.² Preliminary.³ Tons of 2,000 pounds.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 729.—Truck Crops, Commercial—Acreage, Production, and Value, By Kind, 1939 to 1950, and Leading States, 1950

[Production in equivalent tons of 2,000 pounds. Estimates relate to commercial production for fresh market and processing combined, truck crops produced in strictly market-garden areas and in farm gardens excluded. Values based on season average prices received by growers.]

CROP	ACREAGE ¹			PRODUCTION (EQUIVALENT TONS)				VALUE (1,000 DOLLARS) ²
	1939-48, average	1949	1950 leading states	1939-48, average	1949	1950	leading states	
Artichokes	8,380	7,100	7,000	16,100	13,500	14,000	Calif., N. J.	2,131
Asparagus	129,010	128,440	132,680	155,900	167,900	170,100	Calif., Del.	2,730
Beans, lima	82,270	124,250	125,640	21,150	3,300	2,150	N. Y.	33,409
Beans, snap	288,270	282,550	278,190	3,441,000	3,565,300	3,497,000	Fla., N. Y.	7,782
Beets	26,770	28,620	29,940	174,800	195,500	223,200	Wis., N. Y.	64,405
Carrots	190,670	188,620	194,230	1,376,000	1,350,800	1,750,100	N. Y., Fla.	48,552
Cattailtops	169,110	112,990	118,010	3,426,600	4,423,400	4,465,700	Calif., Ariz.	34,614
Carrots	170,340	176,750	176,750	3,692,700	3,629,500	3,694,400	Calif., Tex.	27,241
Cauliflower	34,070	34,700	34,700	3,190,500	3,242,600	3,242,900	Calif., N. Y.	20,908
Celery	41,870	37,840	35,650	3,621,000	3,787,600	3,838,500	Calif., Fla.	12,852
Corn, sweet ³	503,660	528,280	397,030	1,179,600	3,1,525,800	3,1,073,300	Ill., Minn.	47,753
Cucumbers	151,190	191,770	163,110	Wis., Minn., N. C.	317,800	340,100	N. C., Mich.	24,673
Eggplant	5,320	5,900	5,200	Fla., N. J.	20,300	23,900	Fla., N. J.	30,880
Escarole	1,940	3,000	3,000	Fla.	12,500	15,900	Fla.	18,919
Garlic	3,850	3,250	3,700	Calif., La.	8,400	7,000	Calif., La.	1,672
Honeydew melons	2,110	2,100	2,100	Calif., Ariz.	5,350	4,800	Calif., Ariz.	1,769
Kale	1,720	2,000	2,000	Calif., Ariz.	5,600	4,800	Calif., Ariz.	789
Lettuce	168,900	198,170	223,850	Calif., Ariz.	3,968,800	3,1,182,600	3,1,295,700	1,705
Mint for oil ⁴	49,290	64,500	61,800	Ind., Mich.	770	1,084	Ind., Oreg.	1,826
Onions	131,850	120,960	134,110	Tenn., N. Y.	3,943,500	6,95,800	N. Y., Calif.	4,392
Peas, green	469,620	418,490	441,380	Wis., Wash.	3,835,100	6,473,800	Wis., Wash.	44,294
Peppers, green	26,620	34,650	37,620	Fla., N. J.	373,500	3,104,800	Fla., N. J.	39,826
Pimientos	12,620	24,550	32,000	Calif., N. J.	12,500	23,800	Calif., N. J.	15,471
Potatoes, com ⁵ early	342,140	265,600	277,500	Calif., N. J.	1,310,400	1,970,000	Calif., N. J.	9,570
Shallots	4,520	4,500	4,500	La.	6,800	4,800	La.	833
Spinach	98,360	89,740	88,970	Tenn., Okla.	3,205,500	3,180,900	Calif., Tex.	1,664
Strawberries	124,770	127,330	137,650	La., Oreg.	3,104,900	3,185,200	Mich., Calif.	720
Tomatoes	736,250	598,600	578,770	Calif., Tex.	3,383,700	3,335,500	Mich., Calif.	13,500
Watermelons	247,730	284,150	230,970	Fla., Tex.	3,981,500	3,980,100	Fla., Ga.	1,752

¹ Acreage for harvest for fresh market, including any partially harvested or not harvested because of low prices or other economic factors, plus acreage harvested for processing.
² Processing production shelved basis plus fresh market production in the shell. Equivalent shelfed production: 1939-48 average, 45,800 tons; 1949, 305,580 tons; 1950, 449,440 tons.
³ Includes some quantities that are marketed and excluded in computing value.
⁴ Mainly for canning, but includes fresh market crop in New Jersey, New York, and Pennsylvania.

⁵ Pepper mint and spearmint.
⁶ Processing production shelved basis plus fresh market production in the shell. Equivalent shelfed production: 1939-48 average, 45,800 tons; 1949, 305,580 tons; 1950, 449,440 tons.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Published in part in Crops and Markets.

NO. 730.—FRUITS—PRODUCTION AND PRICE RECEIVED BY FARMERS: 1939 TO 1950

[See also *Historical Statistics*, series E 231-243]

CROP	UNIT	PRODUCTION (1,000) ¹				PRICE PER UNIT ²			
		1939-48 avg.	1948	1949	1950 ³	1940	1948	1949	1950 ³
Apples ⁴	Bu. (45 lb.)	109,408	88,407	133,742	120,499	\$0.80	\$2.23	\$1.33	\$1.85
Peaches	Bu. (48 lb.)	70,080	66,352	74,818	52,573	.80	2.05	1.54	2.11
Pears	Bu. (50 lb.)	30,295	26,334	36,404	31,263	.74	2.53	1.22	2.21
Grapes	Ton	2,777	3,078	2,662	2,641	17.29	39.50	36.80	68.40
Cherries (12 States)	do	179	214	250	242	78.60	218.00	171.00	162.00
Plums (2 States)	do	81	71	98	83	51.90	147.00	102.00	176.00
Prunes (fresh basis) ⁵	do	125	89	159	45	31.10	74.70	50.20	124.00
Oranges and tangerines ⁶	Box ⁷	90,700	104,120	108,535	111,290	1.19	1.70	2.14	1.64
Grapefruit	do ⁸	50,722	45,530	36,500	48,520	.43	.80	1.82	1.02
Lemons	do ⁹	13,055	10,010	11,630	12,500	1.20	4.18	3.59	3.10

¹ Includes some quantities not harvested on account of economic conditions or scarcity of harvest labor or donated to charity.² Season average prices, except citrus fruit prices, which are equivalent packing-house-door returns for all methods of sale.³ Preliminary.⁴ Estimates refer to production of apples in commercial apple areas of each State and include fruit produced for sale to commercial processors, as well as that for sale for fresh consumption.⁵ Data for 3 States.⁶ Data for 5 States; 7 States prior to 1942. See also table 710, p. 608.⁷ Net content of box varies. In California and Arizona approximate average is 77 pounds; in Florida and other States, 90 pounds.⁸ In California and Arizona approximate average is 65 pounds net; in Florida and other States, 80 pounds net.⁹ About 79 pounds net.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

NO. 731.—APPLES, PEACHES, PEARS, AND GRAPES—PRODUCTION, BY STATES

[See also *Historical Statistics*, series E 232, 234, 236, and 238, for U. S. totals]

STATE	APPLES (1,000 BU.) ^{1,2}			PEACHES (1,000 BU.) ²			PEARS (1,000 BU.) ²			GRAPES (TONS) ²		
	1939- 1948, avg.	1949	1950 ³	1939- 1948, avg.	1949	1950 ³	1939- 1948, avg.	1949	1950 ³	1939- 1948, avg.	1949	1950 ³
	U. S.	109,408	133,742	120,499	70,080	74,818	52,573	30,295	36,404	31,263	2,777,885	2,662,100	2,640,900
Mass.	2,473	3,842	3,825	56	75	16	40	67	78	—	—	—
Conn.	1,188	1,640	1,406	126	164	104	51	57	52	—	—	—
N. Y.	14,399	20,090	17,625	1,380	1,428	1,023	841	1,195	1,066	54,000	48,400	74,100
N. J.	2,490	3,124	2,620	1,416	1,948	1,810	—	—	—	2,140	2,200	2,500
Pa.	7,300	9,680	6,930	1,987	2,451	2,194	300	385	359	16,460	14,100	23,900
Ohio	3,828	5,446	3,534	871	1,194	927	300	272	205	16,060	15,800	18,300
Ind.	1,333	1,715	1,020	453	794	298	168	182	134	2,350	2,600	2,300
Ill.	3,125	4,176	2,852	1,524	2,307	1,155	389	410	244	3,410	3,100	3,600
Mich.	6,776	11,735	7,020	3,006	3,500	4,080	766	1,200	812	33,900	34,300	44,900
Iowa	155	223	126	—	—	—	—	—	—	2,990	4,500	4,200
Mo.	1,260	1,549	1,020	738	950	950	236	195	135	4,960	3,800	3,900
Kans.	610	808	390	73	185	117	102	112	102	2,300	2,400	2,200
Del.	661	624	525	874	468	225	—	—	—	—	—	—
Md.	1,526	1,251	1,352	544	714	563	—	—	—	—	—	—
Va.	9,589	8,525	12,580	1,501	1,734	837	305	100	121	1,840	1,800	2,200
W. Va.	3,844	3,720	4,260	531	529	557	95	56	76	1,360	1,500	1,800
N. C.	982	448	1,296	2,167	1,428	548	280	130	150	5,250	4,500	5,500
S. C.	—	—	—	3,789	2,340	468	130	70	65	1,130	800	1,000
Ga.	—	—	—	5,044	2,040	975	388	187	234	2,120	2,300	2,800
Ky.	281	433	200	650	702	179	198	104	42	—	—	—
Tenn.	354	383	430	925	324	108	200	51	40	—	—	—
Alas.	—	—	—	1,400	792	440	312	194	180	—	—	—
Miss.	—	—	—	871	518	286	361	105	221	—	—	—
Ark.	612	706	408	2,203	2,412	1,980	187	180	188	9,270	11,900	12,400
Tex.	—	—	—	1,743	2,400	783	374	484	270	—	—	—
Idaho	1,911	1,825	1,220	303	353	41	61	64	36	—	—	—
Colo.	1,460	1,028	903	1,901	2,109	1,219	184	204	142	—	—	—
Wash.	27,764	31,820	34,592	2,276	2,772	135	7,070	7,030	5,872	16,300	20,800	21,700
Oreg.	2,783	2,953	2,720	614	979	299	4,502	6,166	5,660	1,670	1,400	1,400
Calif.	7,814	9,445	6,496	20,161	35,211	29,400	11,413	16,335	14,251	2,583,600	485,000	2,411,000
Other.	4,882	5,954	5,159	1,706	1,907	796	698	773	528	990	1,000	1,200

¹ See note 4, table 730. ² See note 1, table 730. ³ Preliminary.⁴ U. S. average includes estimated production for certain States from 1939 to 1946. Estimates for those States discontinued beginning with 1947 crop.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield and Production of Principal Crops and Season Average Prices and Value of Production.

No. 732.—SUGAR BEETS—ACREAGE, PRODUCTION, PRICES RECEIVED BY FARMERS, AND VALUE, 1901 TO 1950, AND BY STATES, 1947 TO 1950

[Prior to 1924 acreage and production include a small quantity produced in Canada for U. S. factories. U. S. totals include data for a few States not shown separately]

YEARLY AVERAGE OR YEAR AND STATE	Acres harvested (thousands)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) ¹	Farm value (1,000 dollars)	YEAR AND STATE	Acres harvested (thousands)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) ¹	Farm value (1,000 dollars)					
United States:																
1901-1905	228	9.22	2,079	4.89	10,166	Idaho:	1947	103	17.1	1,761	11.90					
1906-1910	386	10.13	3,010	5.18	20,254	1948	80	15.4	1,233	10.30	12,700					
1911-1915	541	10.66	5,738	5.63	32,318	1949	60	17.8	1,067	10.20	10,883					
1916-1920	700	9.49	6,623	9.56	63,814	1950	87	17.4	1,514	(*)	(*)					
1921-1925	693	10.06	6,972	7.46	52,040											
1926-1930	701	11.01	7,718	7.32	56,490	Michigan:	1947	66	6.8	446	13.30	5,982				
1931-1935	799	10.88	8,686	5.42	47,119	1948	52	8.8	458	13.50	6,183					
1936-1940	849	12.23	10,500	5.14	53,938	1949	77	9.6	743	11.60	8,619					
1941-1945	705	12.10	8,780	8.31	72,972	1950	101	10.2	1,030	(*)	(*)					
1937	755	11.6	8,784	5.27	46,249											
1938	980	12.5	11,615	4.65	54,052	Montana:	1947	77	11.7	809	12.30	11,053				
1939	917	11.8	10,781	4.76	51,342	1948	55	12.2	672	10.30	6,922					
1940	916	13.4	12,292	5.16	63,409	1949	59	11.8	697	10.50	7,318					
1941	754	13.7	10,311	6.47	66,705	1950	63	11.8	743	(*)	(*)					
1942	954	12.2	11,674	6.87	80,156											
1943	548	11.0	6,532	8.86	57,898	Nebraska:	1947	71	11.3	805	11.40	9,177				
1944	558	12.1	6,755	10.70	72,026	1948	42	11.8	496	9.20	4,563					
1945	713	12.1	8,026	10.20	88,074	1949	38	14.7	559	10.50	5,870					
1946	802	13.2	10,662	11.20	118,638	1950	50	13.8	814	(*)	(*)					
1947	881	14.2	12,504	11.99	148,583											
1948	694	13.6	9,422	10.66	99,016	Ohio:	1947	21	7.2	151	12.90	1,948				
1949	687	14.8	10,197	10.80	110,380	1948	13	12.4	161	12.30	1,980					
1950	936	14.3	13,383	11.40	152,566	1949	24	10.5	252	11.40	2,873					
California:																
1947	156	18.6	2,897	12.30	35,633	1950	24	12.0	288	(*)	(*)					
1948	172	16.4	2,819	11.00	31,000											
1949	134	18.8	2,519	11.00	27,709	Utah:	1947	45	16.4	740	11.60	8,584				
1950	211	17.9	3,777	(*)	(*)	1948	35	12.2	427	10.30	4,398					
Colorado:																
1947	168	15.2	2,648	11.50	20,302	1949	28	16.0	466	10.40	4,846					
1948	103	13.3	1,370	9.80	13,426	1950	38	14.0	532	(*)	(*)					
1949	117	16.1	1,878	10.00	20,470											
1950	147	14.9	2,100	(*)	(*)	Wyoming:	1947	36	12.7	457	11.90	5,438				

¹ Season average price.

² Beets used by factories 1901 to 1912.

³ 4-year average.

⁴ Not yet available.

No. 733.—SUGARCANE SIRUP—PRODUCTION, 1940 TO 1950, AND BY STATES, 1948, 1949, AND 1950

[Excludes sorghum, sometimes confused with sugarcane. For molasses, a by product of sugar refineries not included in this table, see table 734]

STATE AND YEAR	Cane harvested for sirup	Sirup produced	STATE AND YEAR	Cane harvested for sirup	Sirup produced
All States:			Florida:		
1940	102,000	1,000 gallons	1948	12,415	1,000 gallons
1941	116,000		1949	18,704	
1942	119,000		1950	18,610	
1943	134,000		Alabama:		
1944	135,000		1948	21,575	
1945	133,000		1949	27,711	
1946	120,000		1950	24,450	
1947	112,000		Mississippi:		
1948	79,000		1948	20,270	
1949	70,000		1949	13,300	
1950	62,000		1950	10,830	
South Carolina:			Louisiana:		
1948	2,000		1948		
1949	2,000		1949		
1950	2,000		1950		
Georgia:			Texas:		
1948	20,000	3,600	1948		
1949	18,000	3,150	1949		
1950	16,000	2,800	1950		

Source of tables 732 and 733: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 734.—SUGARCANE, CANE SUGAR, AND MOLASSES—PRODUCTION IN CONTINENTAL UNITED STATES: 1923 TO 1950

[Tons are of 2,000 pounds. Data include Louisiana for all years, Florida beginning 1928, and Texas for 1923]

YEAR	Total acreage harvested for sugar and seed	Average yield of cane per acre for sugar and seed ¹	Total production for sugar and seed	Season average price per ton received by farmers	Farm value of cane used for sugar and seed	SUGAR PRODUCED	Raw sugar 96° made per ton of cane	MOLASSES MADE	
	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	Converted to 96° raw basis ²	Equivalent refined ³	Black-strap gallons	Total gallons
1923	288.3	11.1	3,216	7.09	22,801	168	157	138	8,429
1924	251.0	7.6	1,900	5.58	10,602	60	84	147	3,338
1925	236.0	14.0	3,298	4.05	13,337	142	133	107	12,171
1926	161.0	6.8	1,088	4.02	5,353	48	45	111	2,745
1927	89.0	18.1	1,188	4.61	5,384	72	67	150	2,582
1928	148.8	14.4	2,115	3.85	8,183	136	127	145	5,817
1929	205.0	16.3	3,350	3.73	12,500	218	205	140	15,882
1930	203.5	15.5	3,153	3.31	10,430	215	201	148	14,234
1931	109.4	18.9	2,763	3.21	8,874	184	172	146	11,206
1932	241.9	14.0	3,509	2.98	10,741	265	248	180	13,472
1933	233.8	14.4	3,375	3.18	10,727	250	234	163	14,140
1934	262.6	14.5	3,802	2.33	8,854	267	249	157	6,086
1935	275.4	18.0	4,954	3.15	15,588	383	358	168	23,380
1936	264.2	22.2	5,860	3.67	21,499	437	409	161	31,061
1937	307.2	20.7	6,367	2.90	18,488	462	432	157	33,531
1938	312.9	22.9	7,187	2.70	19,292	583	545	173	40,506
1939	276.9	22.5	6,244	2.84	17,759	504	471	174	31,716
1940	269.7	15.6	4,218	2.88	11,520	332	311	175	21,476
1941	288.7	19.0	5,471	3.95	21,906	419	392	171	26,052
1942	316.9	18.4	5,840	4.40	25,663	460	430	170	26,601
1943	305.9	21.2	6,485	4.57	20,938	498	466	164	33,184
1944	294.3	20.8	6,128	4.94	30,277	437	409	153	34,116
1945	290.4	23.1	6,718	5.67	38,078	475	444	151	32,166
1946	310.8	19.2	5,967	6.62	39,513	425	397	154	26,404
1947	321.2	16.5	5,297	5.71	37,974	378	351	155	27,076
1948	334.6	20.3	6,778	5.76	39,094	477	446	152	40,416
1949	338.8	19.3	6,544	6.25	40,887	521	487	170	40,021
1950 (prcl.)	330.5	20.6	6,932	5.78	54,107	564	527	174	43,074

¹ Growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually not ended before February in Louisiana and April in Florida, following season of growth of cane.² Calculated by the Agricultural Adjustment Administration method. (S. R. Series 1, No. 1.)³ Based on the ratio of 100 pounds of raw sugar to 93.46 pounds of refined sugar.⁴ Not including syrup production. See table 733.⁵ Includes price support payments of \$1.45 per ton in 1945. Excludes Government payments under Sugar Act of \$1.10 per ton in 1945, \$1.15 in 1946, \$1.17 in 1947, \$1.10 in 1948, \$1.13 in 1949, and approximately \$1.20 in 1950.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Also published in The World Sugar Situation.

No. 735.—SUGARCANE AND CANE SUGAR—PRODUCTION IN HAWAII: 1939 TO 1950
[Tons are of 2,000 pounds]

YEAR BEGINNING JAN. 1—	Total acres in cane	CANE USED FOR SUGAR			SUGAR MADE (1,000 TONS)		Raw sugar 96° made per ton of cane (pounds)	Recovery of equivalent refined sugar from cane ground ⁴ (percent)
		Acres harvested	Production (1,000 tons)	Yield per acre (tons) ¹	Converted to 96° raw basis ²	Equivalent refined ³		
1939	235,227	138,440	8,610	62	904	929	231	10.79
1940	235,110	136,417	8,557	63	977	913	228	10.67
1941	238,111	130,768	8,660	65	947	885	221	10.34
1942	225,199	114,746	7,918	60	870	813	220	10.27
1943	220,928	113,754	8,185	72	886	828	216	10.11
1944	216,072	109,522	7,832	72	875	818	223	10.44
1945	211,331	108,173	7,371	71	821	767	223	10.41
1946	208,376	84,379	6,002	71	680	636	227	10.59
1947	211,624	113,020	7,942	70	872	816	220	10.26
1948	206,550	100,042	7,643	75	835	780	221	10.35
1949	213,354	108,794	8,046	74	956	803	238	11.10
1950	220,383	100,405	8,175	75	960	897	235	10.97

¹ Age of cane equals 18 to 22 months of growth.² See note 2, table 734.³ One ton of raw sugar 96° test is assumed to be equivalent to .9346 ton of refined.⁴ Based on tonnage of cane used.

Source: Data collected by Department of Agriculture, Bureau of Agricultural Economics, through the Hawaiian Sugar Planters' Association. Published in annual report, Agricultural Statistics, and in The World Sugar Situation.

No. 736.—CANE SUGAR—PRODUCTION IN PUERTO RICO: 1940 TO 1950

YEAR ¹	ACREAGE IN CANE		SUGARCANE HARVESTED		90° SUGAR PRODUCED		Blackstrap molasses produced
	Grown	Harvested	Total	Per acre	Total	Per ton of cane	
1940	1,000 acres	1,000 acres	1,000 tons	Tons	1,000 tons	Pounds	1,000 gallons
1941	303	253	8,976	35.5	1,019	227	44,156
1942	337	236	7,745	32.8	933	241	40,276
1943	338	308	10,010	32.5	1,148	229	51,400
1944	319	310	8,667	27.9	1,038	240	40,200
1945	313	280	6,600	20.0	723	258	28,200
1946	336	280	7,998	27.7	964	241	40,400
1947	352	303	7,639	24.9	900	241	38,400
1948	365	325	9,286	28.6	1,088	234	50,800
1949	369	336	9,541	28.4	1,108	232	54,823
1950 (prel.) ²	376	353	10,908	31.2	1,277	232	59,275
	375	350	10,616	30.3	1,286	242	49,522

¹ Harvesting season usually begins in January and extends through June.² Production of raw sugar for season beginning Jan. 1951 estimated at 1,275,000 tons.

Source: Department of Agriculture, Bureau of Agricultural Economics; compiled from data of Sugar Branch, Production and Marketing Administration, and Association of Sugar Producers of Puerto Rico; annual report, Agricultural Statistics. Also published in the World Sugar Situation.

No. 737.—MAPLE SIRUP AND SUGAR—PRODUCTION, 1859 TO 1950, AND BY STATES, 1948, 1949, AND 1950

STATE AND YEAR	Trees tapped	Sugar made	Syrup made	Total product in terms of sugar ¹	STATE AND YEAR	Trees tapped	Sugar made	Syrup made	Total product in terms of sugar ¹
					DEPARTMENT OF AGRICULTURE—CON.	Thou-sands	1,000 pounds	1,000 gallons	1,000 pounds
BUREAU OF THE CENSUS									
United States:	Thousands	1,000 pounds	1,000 gallons	1,000 pounds	New Hampshire:	Thou-sands	1,000 pounds	1,000 gallons	1,000 pounds
1859	40,120	1,508	52,901	1948	215	10	39	322	
1860	28,444	921	35,812	1949	219	11	41	339	
1870	36,576	1,706	50,944	1950	210	15	48	390	
1880	32,953	2,258	51,020	Vermont:					
1890	11,029	2,067	28,382	1948	3,200	148	619	5,100	
1900	18,900	14,024	4,106	1949	3,191	105	554	4,027	
1910	17,457	9,602	3,508	1950	3,127	122	786	6,410	
1920	(?)	1,341	2,341	20,070	Massachusetts:				
1930	9,955	356	2,466	20,007	1948	157	11	30	251
					1949	154	11	40	331
					1950	140	10	46	387
DEPARTMENT OF AGRICULTURE									
Total (10 States): ³	9,957	424	2,597	21,210	New York:				
1940	9,785	387	1,997	16,363	1948	2,615	26	431	8,474
1941	9,847	654	2,915	23,974	1949	2,663	28	538	4,332
1942	9,847	578	2,555	21,018	1950	2,460	49	632	5,105
1943	9,281	578	2,555	21,109	Pennsylvania:				
1944	8,681	565	2,568	21,098	1948	340	15	61	503
1945	7,336	237	991	8,165	1949	345	21	94	773
1946	8,000	372	1,328	10,996	1950	348	26	95	786
1947	8,568	805	2,039	16,617	Ohio:				
1948	8,059	229	1,445	11,789	1948	521	-----	111	888
1949	7,024	292	1,614	13,204	1949	511	-----	150	1,200
1950	7,711	262	1,908	16,006	1950	401	8	134	1,080
Maine: ⁴					Michigan:				
1948	89	2	12	98	1948	571	11	80	661
1949	90	3	12	99	1949	542	16	110	896
1950	90	11	20	171	1950	515	6	115	925
Maryland:					Wisconsin:				
1948	34	6	14	118	1948	227	-----	48	384
1949	32	7	16	135	1949	277	-----	59	472
1950	30	7	16	135	1950	291	-----	76	608

¹ 1 gallon of syrup taken as equivalent to 8 pounds of sugar.² Not called for on schedule.³ Excludes production on nonfarm lands in Somerset County, Maine.

Source: Department of Agriculture, Bureau of Agricultural Economics, except Census figures; annual report, Agricultural Statistics. Data also published in Crops and Markets and in annual summary, Acreage, Yield, and Production of Principal Crops.

No. 738.—SUGAR, BEET AND CANE—PRODUCTION, FOR CONTINENTAL UNITED STATES, PUERTO RICO, HAWAII, PHILIPPINES, CUBA, AND WORLD: 1870 TO 1950
 [In thousands of tons of 2,000 pounds. Prior to 1909, data refer to crop year beginning July 1; thereafter, crop year with beginning dates varying from Sept. to following June, except as noted for Hawaii]

YEARLY AVERAGE OR CROP YEAR (SEE HEADNOTE)	Continental U. S. and out- lying areas ¹	CONTINENTAL U. S.			Puerto Rico ³	Ha- waii ⁴	Phil- ipine Is- lands ⁵	Cuba	World total	PERCENT OF WORLD TOTAL IN—	
		Total (in terms of raw) ²	Beet (re- duced to raw) ²	Cane (chiefly raw) ²						Continental U. S.	U. S. and out- lying areas
1870-1874	291	73	(6)	73	95	7 18	110	-----	(6)	(6)	(6)
1875-1879	347	96	(6)	96	78	20	152	-----	(6)	(6)	(6)
1880-1884	476	131	1	180	87	64	195	-----	(6)	(6)	(6)
1885-1889	542	158	1	152	73	119	196	-----	(6)	(6)	(6)
1890-1894	769	284	14	271	68	145	266	-----	(6)	(6)	(6)
1895-1899	812	326	48	279	56	256	174	-----	10,844	3.0	7.5
1900-1904	1,141	543	194	348	115	389	94	-----	13,321	4.1	8.6
1905-1909	1,692	808	447	362	255	480	141	-----	16,788	5.1	10.7
1910-1914	2,306	986	697	291	363	604	345	-----	19,798	5.0	11.6
1915-1919	2,593	1,069	845	225	466	600	447	-----	18,875	5.7	13.7
1920-1924	2,938	1,233	1,017	215	476	643	581	-----	22,384	5.5	13.1
1925-1929	3,587	1,189	1,066	123	687	884	820	-----	29,419	4.0	12.2
1930-1934	4,748	1,632	1,396	236	894	1,042	1,176	-----	29,820	5.5	15.9
1935-1939 ¹⁰	5,008	1,991	1,518	474	974	980	1,058	3,183	29,135	6.8	17.2
1940-1944	4,045	1,880	1,451	429	961	880	320	3,686	26,062	7.2	15.5
1945-1949	4,345	968	1,513	455	1,134	861	880	5,898	27,524	7.1	15.8
1949	3,089	1,948	1,523	425	1,088	872	78	6,448	25,514	7.6	15.6
1947	4,556	2,211	1,835	376	1,108	835	308	6,675	27,811	8.0	16.4
1948	4,813	1,847	1,370	477	1,277	966	729	5,763	31,362	5.9	15.3
1949	6,017	2,091	1,570	621	1,286	960	680	6,126	32,058	6.5	15.6
1950	6,933	2,009	564	1,275	1,085	1,000	6,300	35,480	7.3	16.7	

¹ Excludes Cuba. Includes Puerto Rico, Hawaii, Phil. Isls., and beginning 1910, Virgin Islands not shown separately.

² Beet sugar not converted to raw prior to 1900. Refined reduced to raw basis by multiplying by 1.07.

³ For 1900 to 1906, shipments to United States.

⁴ Statistics for 1874 to 1880 represents exports. Normal grinding season begins Oct. 1. In 1933, production was from grindings of Oct. 1, 1933, to Dec. 31, 1934; beginning 1934, from grindings of the next calendar year.

⁵ Exports 1871 to 1911, production 1912 and subsequently. Includes production of muscovado and panocha, low grades of sugar mostly for domestic consumption.

⁶ Less than 500 tons.

⁷ One year only. ⁸ Not available.

⁹ Louisiana and Texas 1909 to 1923; Louisiana only 1924 to 1927; Louisiana and Florida beginning 1928.

¹⁰ Beginning 1935, includes centrifugal only.

Source: Department of Agriculture, Bureau of Agricultural Economics (from official sources and International Institute of Agriculture), annual report, Agricultural Statistics, and the World Sugar Situation.

No. 739.—SUGAR, CANE AND BEET: STOCKS, PRODUCTION, TRADE, AND SUPPLY AVAILABLE FOR CONSUMPTION IN CONTINENTAL UNITED STATES: 1937 TO 1949

CALENDAR YEAR	Produc- tion ¹	Visible stocks be- ginning of period ^{1,2}	RECEIPTS FROM—		Com- mer- cial ex- ports and ship- ments ³	Dept. of Agric. net purchases for export	DOMESTIC DISAPPEARANCE		
			Foreign sources ¹	Territo- ries ¹			Military ⁴	Civilian	Per capita con- sumption (refined) ⁵
1937	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1938	1,821	1,490	3,280	1,883	93	-----	6,650	95.8	
1939	2,207	1,731	3,073	1,810	78	-----	6,631	95.1	
1940	2,320	2,306	2,975	1,872	153	-----	6,860	100.2	
1941	2,104	2,613	3,006	1,865	198	-----	7,029	95.2	
1942	2,090	2,356	3,997	1,852	91	-----	95	7,960	103.7
1943	2,151	2,149	1,928	1,607	55	184	424	5,035	86.4
1944	1,531	2,137	3,411	1,511	18	474	730	5,002	80.0
1945	1,512	1,766	3,028	1,548	24	317	1,014	6,172	89.1
1946	1,667	1,227	3,224	1,647	34	175	6,1,094	5,044	73.5
1947	1,600	1,418	2,687	1,504	258	139	6,119	5,541	74.4
1948	2,168	1,452	4,219	1,812	236	-----	6,114	7,355	91.2
1949	1,917	1,936	3,320	1,734	118	-----	6,70	7,216	95.5
	2,112	1,497	3,809	1,894	60	-----	58	7,435	96.7

¹ Data from Sugar Branch, Production and Marketing Administration.

² Beginning 1939 includes mainland cane stocks and beginning 1940 includes raws for processing held by importers other than refiners.

³ Includes sugar used in manufacture of other commodities. 1937-41, exports (Department of Commerce, Foreign Commerce and Navigation); 1942-49, quantities delivered for export (Sugar Branch, Production and Marketing Administration).

⁴ Data based on allocation audits and records kept by armed forces.

⁵ Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers. Civilian per capita consumption, 1941-49.

⁶ Includes shipments for civilian relief feeding.

Source: Department of Agriculture, Bureau of Agricultural Economics (except as noted); annual report, Agricultural Statistics. Also published in the World Sugar Situation.

COFFEE, TEA, COCOA AND CHOCOLATE

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No. 740.—COFFEE, TEA, COCOA AND CHOCOLATE—IMPORTS: 1830 TO 1950

[Coffee and tea imports represent imports from foreign countries and from Territories and possessions into continental United States. Reexports represent exports from continental United States to foreign countries and outlying Territories and possessions. Cocoa and chocolate figures represent general imports through 1932, imports for consumption, thereafter]

YEARLY AVERAGE OR YEAR	COFFEE				TEA			COCOA AND CHOCOLATE ¹	
	Imports	Reex- ports	Net imports per capita	Average import price per lb.	Imports	Value	Net im- ports per capita	Imports	Value
	<i>1,000 lbs.</i>	<i>1,000 lbs.</i>	<i>Pounds</i>	<i>Cents</i>	<i>1,000 lbs.</i>	<i>\$1,000</i>	<i>Pounds</i>	<i>1,000 lbs.</i>	<i>\$1,000</i>
1830	51,488	3,125	2.09	8.2	6,873	1,532	0.54	-----	-----
1840	94,996	18,698	5.04	9.0	16,883	4,067	.99	-----	-----
1850	145,273	15,481	5.53	7.7	28,200	3,982	1.21	-----	-----
1861-1860	203,190	14,710	6.78	9.0	21,028	5,361	.70	-----	-----
1861-1870	173,290	8,229	4.66	10.8	32,304	8,969	.91	-----	-----
1871-1880	331,925	7,911	7.19	14.7	59,530	18,550	1.32	25,132	3,706
1881-1890	513,039	24,725	8.52	10.8	76,534	15,071	1.34	13,504	1,391
1891-1895	585,270	8,792	8.61	14.6	89,675	13,080	1.34	-----	-----
1896-1900	701,715	21,819	10.07	8.9	86,217	11,357	1.17	20,408	4,120
1901-1905	983,404	40,400	11.65	7.1	95,814	13,840	1.18	63,000	8,260
1906-1910	931,644	15,325	10.29	7.9	93,595	16,211	1.05	102,304	13,418
1911-1915	952,906	21,494	9.65	11.5	95,237	17,180	.99	161,473	10,002
1916-1920 ²	227,523	67,347	11.20	13.5	106,988	22,528	1.03	340,023	45,480
1921-1925	1,343,579	35,268	11.73	15.4	92,230	24,058	.83	367,907	32,019
1926-1930	1,498,201	24,222	12.30	18.9	88,654	26,604	.74	429,338	47,044
1931-1935	1,028,316	19,520	12.81	8.7	86,892	16,359	.69	487,401	21,051
1936-1940	1,905,417	17,774	14.52	7.3	89,568	19,858	.69	622,802	33,563
				<i>Excl. mili- tary⁷</i>	<i>Incl. mili- tary⁸</i>			<i>Excl. mili- tary⁷</i>	<i>Incl. mili- tary⁸</i>
1941-1945	2,300,918	12,300	15.02	16.63	81,121	25,527	0.58	568,728	30,022
1946	2,735,807	74,114	19.39	16.10	91,502	31,981	.53	605,238	58,631
1947	2,499,555	62,301	17.81	17.30	23,9	60,495	.58	607,381	154,982
1948	2,770,580	38,157	18.42	18.41	25.1	89,069	.57	557,293	196,804
1949	2,918,604	27,010	18.68	27.2	92,688	44,952	.59	652,110	128,552
1950	2,441,410	16,784	16.64	16.48	44.7	13,376	.64	711,751	176,146

¹ Includes prepared except confectionery.² 3-year average.³ 9-year average.⁴ Overvalued, due to depreciation of Brazilian paper milreis.⁵ Average for period 1801-1900.⁶ Average, July 1, 1915, to Dec. 31, 1920.⁷ Represents civilian consumption per capita, calculation of which excludes amounts allotted to military population, and takes into account changes in stock.⁸ Includes civilian population and military population in the U. S. and abroad.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation records, and data on shipments to and from Territories and possessions. Per capita figures from Department of Commerce, National Production Authority.

No. 741.—SILK AND SILK MANUFACTURES—IMPORTS AND EXPORTS: 1871 TO 1950

[Quantity in thousands of pounds; value, except average price per pound, in thousands of dollars]

YEARLY AVERAGE OR YEAR ¹	UNMANUFACTURED SILK, IMPORTS ²			SILK MANUFAC- TURES, VALUE		YEAR ¹	UNMANUFACTURED SILK, IMPORTS ²			SILK MANUFAC- TURES, VALUE	
	Quant- ity	Value	Aver- age price per pound	Im- ports ^{2,3}	Ex- ports (excluding re- exports)		Quan- tity	Value	Aver- age price per pound	Im- ports ⁴	Ex- ports (exclud- ing re- exports)
1871-1880	4,1340	4,6300	\$4.77	27,063	53	1939	55,271	121,908	2.21	7,655	7,650
1881-1890	5,328	16,775	3.15	34,162	83	1940	47,600	125,931	2.65	5,672	6,417
1891-1900	9,259	26,843	2.00	20,776	268	1941	25,561	62,860	2.46	4,211	6,554
1901-1905	15,708	45,668	2.91	32,215	425	1942	207	165	.80	1,775	1,200
1906-1910	20,281	67,414	3.32	33,725	885	1943	11	7	.64	1,069	303
1911-1915	30,190	82,703	2.74	28,306	2,210	1944	33	29	.88	1,419	203
1916-1920	45,041	235,332	5.16	47,121	16,725	1945	1,703	2,046	1.14	2,068	250
1921-1925	62,030	356,287	5.74	40,941	12,992	1946	15,587	102,587	6.58	7,408	2,330
1926-1930	86,458	374,715	4.33	36,383	17,293	1947	3,182	16,078	5.05	12,981	7,274
1931-1935	74,569	115,883	1.55	8,505	5,954	1948	7,361	15,900	2.16	24,303	5,1,428
1936-1940	58,326	109,947	1.80	8,250	6,938	1949	3,980	7,527	1.89	24,877	5,1,720
1941-1945	5,521	13,021	1.18	2,228	1,702	1950	10,543	21,151	2.01	33,863	5,1,985

¹ Fiscal years through 1915; calendar years thereafter.² Includes artificial silk prior to 1911.³ General imports through 1932; imports for consumption thereafter.⁴ Raw silk.⁵ Effective 1948, includes shipments under Army Civilian Supply Program.

Source: Dept. of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

NO. 742.—ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION, AND STOCKS: 1949 AND 1950

[Data cover factory operations only, and therefore exclude considerable quantities of lard, tallow, and grease produced on farms and by local butcheries and small renderers, and quantities consumed and held in homes, hotels, restaurants, bakeries, and quantities consumed and held by painters, building contractors, garages, etc. Stocks include amounts held by and in transit to producers, factory consumers, and public storages, but exclude amounts held in private storages by retailers, wholesalers, and jobbers. Additional data on consumption and stocks of raw materials, such as cottonseed, copra, corn germ, flaxseed, soybeans, etc., and consumption data by process and end-use are contained in Facts for Industry Series M 17-1 and M 17-2.]

[In thousands of pounds]

PRODUCT	1949			1950		
	Production	Consumption	Stocks, Dec. 31	Production	Consumption	Stocks, Dec. 31
VEGETABLE OILS						
Cottonseed, crude	1,783,650	1,721,067	182,356	1,594,705	1,605,764	100,065
Cottonseed, refined	1,583,102	1,552,410	226,063	1,457,231	1,569,714	171,501
Peanut, crude	177,786	129,756	20,356	142,918	129,074	7,695
Peanut, refined	122,422	88,047	8,743	121,776	89,249	9,254
Corn, crude	224,413	235,453	0,630	247,853	254,408	12,016
Corn, refined	216,510	175,840	4,544	236,146	204,956	5,541
Soybean, crude	1,859,066	1,638,284	90,116	2,073,140	1,835,069	99,828
Soybean, refined	1,508,534	1,448,527	69,985	1,689,382	1,626,638	54,237
Sesame, crude	1,124	(2)	(2)	(2)	(2)	1,100
Sesame, refined	202	(2)	243	(2)	(2)	245
Olive, edible	7,178	1,862	3,661	1,980	3,061	7,814
Olive, inedible	(2)	(2)	239	(2)	786	310
Olive, sulphur foots	(2)	(2)	1,721	(2)	5,112	5,543
Palm, crude	89,847	42,907	(2)	(2)	44,184	3 22,367
Palm, refined	(2)	(2)	(2)	(2)	(2)	464
Coconut, crude	491,484	551,942	141,073	492,987	554,115	3 83,938
Coconut, refined	302,694	278,496	9,016	307,110	277,720	10,211
Palm kernel, crude	(2)	(2)	(2)	(2)	(2)	(2)
Palm kernel, refined	(2)	(2)	(2)	(2)	(2)	(2)
Babassu, crude	(2)	(2)	3,294	(2)	41,691	1,552
Babassu, refined	15,561	(2)	(2)	(2)	21,321	1,137
Rapeseed, crude	(2)	(2)	2,434	(2)	2,434	1,103
Rapeseed, refined	(2)	4,120	2,573	(2)	3,938	1,394
Linseed, raw	744,502	400,512	458,112	749,446	561,038	609,867
Linseed, refined	161,040	180,164	30,016	238,015	236,769	35,650
Chinawood or Tung	22,449	100,863	20,921	(2)	98,100	39,043
Perilla	(2)	(2)	(2)	(2)	(2)	(2)
Castor No. 1, crude	100,733	71,313	21,830	99,610	100,184	3 13,335
Castor No. 3, crude	27,723	23,169	9,896	27,950	30,200	3 8,105
Oiticica	10,943	4,018	6,027	6,927	5,401	
Other vegetable oil, crude	55,668	71,708	8,121	48,569	34,884	9,228
Other vegetable oil, refined	18,990	39,089	2,408	30,949	44,852	1,773
ANIMAL FATS						
Lard, rendered	2,184,000	(6)	99,658	2,290,000	(6)	83,780
Lard, refined	1,481,000	31,000	30,927	1,413,000	49,868	43,422
Tallow, edible	105,562	50,098	4,073	108,309	55,642	6,097
Tallow, edible, refined	14,967	14,011	593	12,219	13,514	557
Tallow, inedible	1,273,561	1,184,366	211,609	1,280,084	1,281,830	183,492
Tallow, inedible, refined	330,082	289,870	29,370	310,605	298,116	8,756
Grease, other than wool	587,764	522,268	110,590	619,725	544,236	90,945
Wool grease	9,028	(6)	789	14,548	(6)	1,591
Neat's-foot oil	2,317	3,685	908	2,310	4,529	902
FISH AND MARINE-MAMMAL OIL						
Cod and cod-liver	2,191	16,155	8,083	1,221	19,006	7,278
Other liver oil	4,126	6,795	1,170	1,192	6,866	1,124
Menhaden	64,195	57,775	21,410	60,059	58,605	12,124
Sardine (pilchard) and herring	51,604	48,205	49,973	67,559	75,480	34,331
Other fish oil, except liver oil	10,724	5,507	3,693	10,755	8,450	4,186
Whale oil	210	(6)	(6)	12	(6)	(6)
Sperm oil	363	(6)	20,083	18	(6)	3 13,164
Other marine-mammal oil	362	20,131	999	(6)	29,253	
Refined fish oil	(6)	31,257	3,344	(6)	40,233	3,273
FOOTS, RAW AND ACIDULATED SOAP STOCK						
Vegetable foots (100% basis)	235,827	200,108	44,571	250,004	213,904	34,879
Animal foots from refining (100% basis)	30,809	28,731	1,682	25,751	24,122	2,327
Fish and marine-mammal foots (100% basis)	4,611	2,996	(6)	(6)	(6)	3,747

See footnotes at end of table.

No. 742.—ANIMAL AND VEGETABLE FATS AND OILS—PRODUCTION, CONSUMPTION,
AND STOCKS: 1949 AND 1950—Continued

[In thousands of pounds]

PRODUCT	1949			1950		
	Production	Consumption	Stocks, Dec. 31	Production	Consumption	Stocks, Dec. 31
SECONDARY PRODUCTS						
Winterized oil.....	548,556	325,518	31,769	558,415	326,366	29,766
Deodorized oil ¹⁰	257,413	148,961	7,557	253,218	122,617	7,219
Stearin, vegetable oil, winter.....	118,097	100,844	14,112	114,068	112,371	9,839
Stearin, animal, edible.....	31,440	23,708	3,277	33,061	26,009	2,365
Stearin, animal, inedible.....	18,282	7,725	2,027	22,442	12,810	1,719
Oleo oil.....	49,948	7,009	2,515	58,020	5,707	2,317
Grease oil and lard oil.....	41,301	25,306	6,873	55,842	32,758	6,353
Tallow oil.....	10,273	7,954	2,314	10,041	7,440	2,611
Hydrogenated oils and fats, edible:						
Cottonseed.....	603,408	574,828	21,442	618,150	591,020	17,084
Soybean.....	431,710	396,002	9,539	522,096	475,845	18,537
Other.....	90,055	55,424	3,888	108,234	66,052	3,715
Shortening.....	1,487,164	-8,405	81,722	1,709,206	11,245	103,533
Oleomargarine.....	¹¹ 850,965	(*)	13,027	¹¹ 936,823	(*)	14,180
Hydrogenated oils and fats, inedible:						
Vegetable.....	(*)	6,166	1,743	(*)	4,521	1,207
Animal.....	30,385	28,714	3,196	37,037	35,717	2,852
Fish.....	23,866	31,148	3,063	32,190	38,668	3,391
Chemically dehydrated castor oil.....	37,172	31,435	5,979	49,948	39,294	8,378
Fatty acid stock including spent and salvaged oils and fats, palm oil refuse, etc. (100% fatty acid basis).....	2,251	10,515	5,770	3,038	15,554	2,795
Vegetable oil fatty acids from foots and other than from foots.....	139,442	110,312	10,908	191,638	153,235	23,777
Animal fat and oil fatty acids.....	138,837	137,699	12,395	103,275	191,231	14,695
Fish and marine mammal fatty acids.....	3,452	5,722	1,631	(*)	9,216	1,761
Fatty acids from fractionating or pressing:						
Stearic acid.....	56,668	49,363	8,008	68,300	59,206	10,605
Oleic acid.....	66,330	46,108	8,490	82,555	56,793	10,039
Other acids.....	(*)	(*)	2,525	(*)	6,838	3,097
Solid fatty acids produced by splitting hydro- genated fats and oils or by hydrogenation of fatty acids.....	70,333	17,160	5,142	82,040	20,430	4,335
Tall oil, crude.....	229,065	154,165	46,132	309,802	210,357	30,778
Tall oil, refined, including distilled and frac- tionated tall oil.....	80,574	53,660	12,680	112,013	65,839	15,485
Glycerin, crude (100% basis).....	193,849	198,619	14,889	225,612	239,498	14,185
Glycerin, high gravity and yellow distilled (100% basis).....	78,378	77,207	13,591	90,704	94,037	15,983
Glycerin, chemically pure (100% basis).....	121,662	89,037	20,071	139,318	97,976	20,132

¹ Data from peanut oil producers were collected by U. S. Department of Agriculture.

² Included in "Other vegetable oils" to avoid disclosure of individual operations.

³ Data are on a commercial stocks basis and do not include figures for stockpiles of strategic oils.

⁴ Data on production collected by U. S. Department of Agriculture.

⁵ Data not available.

⁶ Held by wool scourers.

⁷ Data from fish oil producers were collected by Fish and Wildlife Service, U. S. Department of the Interior.

⁸ Included in "Other marine mammal oil."

⁹ Not shown to avoid disclosure of individual operations.

¹⁰ Winterized-deodorized oil, hydrogenated-deodorized oil and cooking and salad oil not included.

¹¹ Data collected by Bureau of Internal Revenue.

¹² Data collected by Bureau of Internal Revenue, January through June 1950.

Source: Department of Commerce, Bureau of the Census; annual report, Animal and Vegetable Fats and Oils (Facts for Industry, Series M17-1-09).

No. 743.—DOMESTIC ANIMALS ON FARMS—NUMBER, BY KIND, BY STATES: 1945 AND 1951

[All figures in thousands. See also *Historical Statistics*, series E 117-126 and 162 for U. S. totals]

DIVISION AND STATE	HORSES		MULES		ALL CATTLE		COWS AND HEIFERS 2 YEARS OLD AND OVER KEPT FOR MILK		SHEEP AND LAMBS		HOGS		
	1945 (Jan. 1) (prel.)	1951 (Jan. 1) (prel.)	1945 (Jan. 1) (prel.)	1951 (Jan. 1) (prel.)	1945 (Jan. 1) (prel.)	1951 (Jan. 1) (prel.)	1945 (Jan. 1) (prel.)	1951 (Jan. 1) (prel.)	1945 (Jan. 1) (prel.)	1951 (Jan. 1) (prel.)	1945 (Jan. 1) (prel.)	1951 (Jan. 1) (prel.)	
	United States	8,499	4,763	3,130	1,990	82,654	84,179	27,770	24,579	41,224	31,505	46,735	65,028
New England	116	77	1	—	1,220	1,135	815	730	75	55	232	192	
Maine	34	22	(1)	—	231	214	135	120	36	20	45	33	
New Hampshire	13	9	(1)	—	120	117	76	70	8	7	20	11	
Vermont	37	27	(1)	—	459	429	308	281	15	11	24	19	
Massachusetts	17	11	(1)	—	197	177	142	122	7	9	98	92	
Rhode Island	2	1	(1)	—	29	27	23	21	2	2	10	9	
Connecticut	14	7	(1)	—	175	171	181	116	6	6	35	28	
Middle Atlantic	449	233	32	12	4,069	4,284	2,642	2,657	539	413	1,268	966	
New York	227	126	2	2	2,170	2,248	1,484	1,483	252	182	257	193	
New Jersey	20	10	2	1	214	228	158	164	8	10	244	69	
Pennsylvania	202	97	28	9	1,685	1,808	1,000	1,010	270	221	767	704	
East North Central	1,540	645	102	31	13,262	13,289	6,854	6,235	3,649	2,938	12,366	18,282	
Ohio	278	112	15	5	2,168	2,255	1,138	1,060	1,454	1,128	2,429	3,430	
Indiana	231	94	35	9	1,000	1,848	848	721	540	472	3,231	4,934	
Illinois	390	157	46	15	3,278	3,317	1,203	972	625	4,600	6,976	—	
Michigan	230	80	4	1	1,955	1,971	1,030	1,026	663	428	681	1,001	
Wisconsin	411	202	3	1	3,902	3,918	2,585	2,456	358	285	3,306	1,941	
West North Central	2,867	1,414	255	85	24,946	23,943	7,002	5,501	8,188	5,749	18,050	28,427	
Minnesota	491	227	5	1	3,790	3,842	1,843	1,471	1,122	737	2,615	3,813	
Iowa	549	205	26	5	5,432	5,208	1,483	1,158	1,354	1,021	7,652	13,231	
Missouri	476	312	150	60	3,261	3,356	1,115	994	1,257	1,214	2,771	4,016	
North Dakota	287	140	1	1	1,878	1,490	583	409	810	375	472	421	
South Dakota	307	143	4	1	2,544	2,454	520	308	1,771	893	1,250	1,543	
Nebraska	413	210	26	6	3,979	4,170	642	467	981	815	2,144	2,999	
Kansas	344	177	43	11	4,062	3,917	807	684	943	604	1,147	1,504	
South Atlantic	511	397	367	695	5,420	6,318	2,102	2,171	752	729	5,023	5,568	
Delaware	11	6	5	2	60	68	40	38	2	2	35	40	
Maryland	66	37	18	7	300	471	227	265	48	49	253	270	
District of Columbia	(1)	(1)	(1)	—	1	(2)	(2)	(2)	(2)	(2)	1	—	—
Virginia	159	121	70	64	1,030	1,197	474	507	303	299	688	797	
West Virginia	97	79	8	5	573	570	243	232	322	311	165	246	
North Carolina	92	78	280	236	721	788	400	399	41	39	1,069	1,131	
South Carolina	23	20	165	142	389	390	190	174	5	3	609	617	
Georgia	37	33	279	211	1,140	1,330	395	414	18	14	1,527	1,830	
Florida	26	23	34	28	1,115	1,503	133	152	12	12	677	631	
East South Central	572	423	1,048	756	5,782	6,538	2,412	2,281	1,303	1,148	3,944	5,285	
Kentucky	222	165	109	126	1,418	1,721	655	640	852	749	1,048	1,068	
Tennessee	161	113	262	197	1,427	1,550	666	640	384	270	902	1,385	
Alabama	66	50	258	170	1,282	1,476	471	447	26	23	980	1,266	
Mississippi	123	95	320	254	1,655	1,791	620	554	90	106	924	940	
West South Central	1,136	751	772	378	14,700	14,925	3,394	2,730	9,068	7,472	3,936	4,285	
Arkansas	169	128	216	122	1,259	1,282	536	435	81	60	705	1,013	
Louisiana	139	107	154	111	1,475	1,560	379	338	171	148	801	843	
Oklahoma	313	192	87	25	3,101	2,814	885	648	231	145	760	843	
Texas	515	324	314	120	8,864	9,260	1,594	1,309	8,586	7,119	1,581	1,756	
Mountain	961	609	32	20	8,413	8,872	1,026	835	13,774	10,141	954	915	
Montana	227	134	2	1	817	815	165	123	2,906	1,870	182	171	
Idaho	144	74	4	3	949	986	274	220	1,336	1,020	227	169	
Wyoming	110	76	1	1	983	1,041	69	54	2,804	1,934	54	69	
Colorado	180	103	9	4	1,781	1,818	246	198	2,394	1,645	266	316	
New Mexico	107	74	6	4	1,091	1,180	75	57	1,618	1,334	80	60	
Arizona	72	62	7	5	750	883	51	50	511	395	35	24	
Utah	73	52	1	1	562	580	126	112	1,672	1,438	85	71	
Nevada	38	34	2	1	479	580	20	21	534	405	26	26	
Pacific	347	214	20	18	4,842	4,875	1,523	1,439	3,875	2,860	962	1,108	
Washington	99	46	3	2	910	886	380	319	447	337	170	132	
Oregon	108	63	3	2	1,101	1,118	284	235	1,032	656	194	141	
California	139	105	14	9	2,831	2,872	859	885	2,396	1,867	589	835	

¹ Less than 500.² No estimate.

Source: 1945 (except cows and heifers 2 years old and over kept for milk), Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II. Other figures are estimates by Department of Agriculture, Bureau of Agricultural Economics, published in *Livestock on Farms* Jan. 1.

No. 744.—LIVESTOCK—NUMBER, VALUE PER HEAD, PRODUCTION, AND PRICES:
1910 TO 1951

[See also *Historical Statistics*, series E 117-134]

YEAR	NUMBER ON FARMS AND VALUE PER HEAD									
	All cattle		Hogs (incl. pigs)		Stock sheep		Horses ¹		Mules ¹	
	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head	Number (1,000 head)	Value per head
CENSUS RETURNS ²										
1910 (Apr. 15)-----	53,997	\$26.81	35,134	\$10.02	39,644	\$5.13	19,220	\$107.33	4,101	\$127.02
1920 (Jan. 1)-----	66,640	54.80	59,346	16.66	35,034	11.29	19,767	90.15	5,432	143.45
1930 (Apr. 1)-----	54,250	58.70	32,794	17.20	41,780	8.21	18,384	67.51	5,354	82.60
1940 (Apr. 1)-----	60,675	42.82	34,037	8.36	40,129	5.99	10,087	75.92	3,845	113.46
1945 (Jan. 1)-----	82,654	67.78	46,735	21.14	41,224	8.71	8,499	64.17	3,130	136.83
ESTIMATES JAN. 1										
1940-----	68,309	40.60	61,165	7.78	46,266	6.35	10,444	77.30	4,034	116.00
1941-----	71,755	43.20	54,353	8.34	47,441	6.77	10,193	68.20	3,911	107.00
1942-----	76,026	55.00	60,007	15.60	40,346	8.66	9,873	64.70	3,752	107.00
1943-----	81,204	69.30	73,881	22.50	48,196	9.68	9,605	79.80	3,620	127.00
1944-----	85,334	68.40	83,741	17.50	44,270	8.68	9,192	78.60	3,421	143.00
1945-----	86,573	66.90	59,331	20.60	39,609	8.45	8,715	64.90	3,255	134.00
1946-----	82,434	76.20	61,301	23.90	35,599	9.57	8,053	57.40	3,010	138.00
1947-----	81,207	97.40	56,921	36.00	32,125	12.20	7,249	59.20	2,772	141.00
1948-----	78,126	116.00	55,028	42.80	29,976	15.00	6,589	55.50	2,541	133.00
1949-----	78,298	135.00	57,128	38.20	27,651	17.00	5,898	52.30	2,348	117.00
1950-----	80,052	123.00	60,502	27.10	27,090	17.80	5,274	45.80	2,149	99.40
1951 (prel.)-----	84,179	160.00	65,028	33.20	28,065	26.40	4,763	43.40	1,900	82.00

YEAR	LIVE WEIGHT PRODUCTION AND ANNUAL AVERAGE PRICE RECEIVED BY FARMERS, PER 100 POUNDS							
	All cattle		Hogs		Sheep			
	Production (1,000 lbs.)	Price, beef cattle	Price, veal calves	Production (1,000 lbs.)	Price per 100 lbs.	Production (1,000 lbs.)	Price, sheep	Price, lambs
1940-----	15,702,110	\$7.56	\$8.83	17,044,404	\$5.30	2,100,928	\$3.65	\$8.10
1941-----	17,020,460	8.82	10.30	17,480,485	9.09	2,251,390	5.06	9.58
1942-----	18,567,995	10.70	12.30	21,105,133	13.00	2,313,319	5.80	11.70
1943-----	19,159,375	11.90	13.30	25,374,715	13.70	2,107,891	6.57	13.00
1944-----	19,708,295	10.80	12.40	20,582,873	13.10	1,938,290	6.01	12.50
1945-----	10,345,320	12.10	13.10	19,095,526	14.60	1,911,766	6.38	13.10
1946-----	18,781,924	14.50	15.30	19,041,127	17.50	1,763,298	7.48	15.60
1947-----	19,054,920	18.50	20.40	18,606,554	24.10	1,579,402	8.41	20.50
1948-----	18,370,760	22.20	24.40	18,739,227	23.10	1,403,833	9.66	22.80
1949-----	19,352,254	19.80	22.70	20,189,972	18.10	1,309,602	9.31	22.40
1950 (prel.)-----	20,586,903	23.20	26.40	20,927,115	18.00	1,362,451	11.50	25.10

¹ Jan. 1 estimates include colts.

² Census figures for 1910 are for animals over 3½ months old; 1920 and 1945, animals of all ages; 1930, animals 3 months and over except sheep (6 months and over); 1940, animals over 3 months, except hogs (over 4 months) and sheep (over 6 months).

³ Includes adjustment for livestock shipped in and inventory changes.

Source: Census returns—Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II. All other data—Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics, and annual U. S. Livestock Reports.

No. 745.—DOMESTIC ANIMALS—RECEIPTS AND SHIPMENTS, BY KIND, BY STOCKYARDS:
1946 TO 1950

(In thousands. Total for all stockyards reporting covers about 68 stockyards)

ITEM AND YEAR	Total, all stock- yards report- ing	9 STOCKYARDS									All other stock- yards report- ing	
		Total	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Jo- seph	St. Louis Na- tional Stock Yards	Sioux City	South St. Paul	
CATTLE												
Receipts:												
1946	21,278	11,489	1,960	820	873	1,894	1,735	501	1,250	1,448	1,000	9,739
1947	22,103	12,486	2,089	898	968	1,956	1,910	682	1,304	1,463	1,218	9,611
1948	18,673	10,048	1,694	849	786	1,543	1,521	673	901	1,132	958	8,625
1949	18,828	10,995	1,850	838	578	1,678	1,692	620	940	1,332	1,172	8,133
1950	17,896	10,100	1,780	872	540	1,438	1,638	566	863	1,292	1,111	7,796
Shipments:												
1946	13,380	7,378	1,117	554	602	1,292	1,064	287	877	1,084	490	6,402
1947	10,594	5,655	784	527	523	1,083	777	208	494	910	339	4,639
1948	9,245	4,740	685	535	391	846	776	183	200	740	207	4,565
1949	8,914	4,768	670	477	268	949	725	186	285	863	352	4,146
1950	8,357	4,304	630	478	245	764	674	176	217	796	323	4,083
CALVES												
Receipts:												
1946	6,818	2,514	194	132	481	861	111	95	588	99	503	4,394
1947	7,459	2,640	271	133	446	813	105	121	557	67	626	4,819
1948	6,277	2,056	188	112	329	222	107	99	435	73	490	4,221
1949	5,741	2,000	164	123	245	221	119	78	383	118	544	3,741
1950	5,213	1,860	115	107	276	213	107	58	379	105	491	3,363
Shipments:												
1946	3,084	1,127	54	98	240	184	48	45	288	61	107	1,487
1947	2,026	838	24	86	224	105	86	29	181	49	113	2,082
1948	2,601	766	22	75	185	85	85	28	127	54	145	1,845
1949	2,410	801	16	89	160	87	49	23	115	86	172	1,659
1950	2,389	838	12	84	211	112	39	24	95	87	174	1,531
SHEEP AND LAMBS												
Receipts:												
1946	26,147	13,618	1,487	2,102	2,321	1,968	1,770	900	958	917	1,160	12,409
1947	21,679	11,598	968	1,896	1,766	1,867	1,527	937	822	784	940	10,681
1948	10,814	10,604	888	2,304	1,587	1,280	1,301	943	741	681	783	9,210
1949	15,843	7,814	623	1,868	928	914	922	732	509	492	740	8,239
1950	15,438	7,996	654	1,880	1,055	1,042	899	673	676	494	621	7,437
Shipments:												
1946	14,374	6,652	401	1,607	1,047	1,110	760	207	808	428	600	7,822
1947	11,695	5,844	280	1,424	824	1,011	532	209	299	358	407	6,831
1948	10,236	4,672	262	546	687	619	578	188	194	266	365	5,594
1949	8,932	3,871	201	1,349	460	442	382	205	181	236	416	5,061
1950	8,850	4,133	230	1,367	552	573	350	208	233	260	320	4,726
HOGS												
Receipts:												
1946	28,465	14,745	3,641	829	573	675	2,142	1,203	1,904	1,750	2,127	13,720
1947	29,653	15,848	3,318	835	681	671	2,400	1,288	2,561	1,783	2,310	14,143
1948	30,611	16,000	3,342	897	740	738	2,331	1,373	2,681	1,812	2,076	14,611
1949	33,118	17,401	3,425	1,136	584	757	2,573	1,472	2,869	1,948	2,637	15,717
1950	35,190	18,473	3,670	1,087	867	768	2,734	1,610	3,109	2,044	2,775	16,711
Shipments:												
1946	10,488	3,021	526	276	62	415	517	122	686	631	685	6,667
1947	9,036	2,941	282	236	52	269	374	144	684	493	408	6,093
1948	10,196	3,095	428	497	49	346	583	235	754	724	441	6,201
1949	10,885	4,283	434	546	72	364	566	248	824	724	505	6,602
1950	11,469	4,225	409	466	59	201	563	205	833	735	584	7,234
HORSES AND MULES												
Receipts:												
1946	658	313	2	12	71	92	28	5	77	18	10	345
1947	315	101	2	6	27	26	7	2	23	4	3	214
1948	252	62	(1)	3	18	21	1	(1)	16	4	1	190
1949	175	46	(1)	2	13	19	(1)	(1)	9	1	1	129
1950	137	37	(1)	2	9	16	(1)	1	4	4	1	108

¹ Less than 500 head.

Source: Department of Agriculture, Production and Marketing Administration; annual report, Agricultural Statistics. Data are published currently in mimeographed form.

No. 746.—MEAT—SLAUGHTERING, PRODUCTION, AND PRICES: 1911 TO 1950

[Prices are simple averages of monthly prices at Chicago, except those for beef which are weighted average prices at Chicago. See also *Historical Statistics*, series E 136-151]

YEAR OR YEARLY AVERAGE	ANIMALS SLAUGHTERED (1,000 head)		Production, dressed weight (million pounds)	ANIMALS SLAUGHTERED (1,000 head)		Production, dressed weight (million pounds)
	Total ¹	Under Federal inspection		Total ¹	Under Federal inspection	
BEEF ²						
1911-1915	13,144	7,152	7.89	6,211	6,204	1,076
1916-1920	15,025	9,838	12.01	8,897	7,633	8,399
1921-1925	13,074	8,979	9.13	6,617	9,259	4,550
1926-1930	12,860	8,032	11.82	6,209	9,133	4,759
1931-1935	13,364	8,709	7.44	6,618	8,585	5,175
1936-1940	15,110	10,001	9.97	7,051	9,580	6,698
1941-1945	18,768	12,056	14.41	8,977	11,359	6,244
1946	21,601	14,531	16.18	10,275	13,645	7,020
1946	10,824	11,402	19.16	9,373	12,188	5,341
1947	22,393	15,524	25.83	10,428	13,695	7,933
1948	19,186	12,994	30.88	9,079	12,328	6,907
1949	18,789	13,222	25.80	9,448	11,345	6,449
1950 (prel.)	18,623	18,103	28.35	8,545	10,425	5,850
VEAL						
1911-1915	6,304	1,076	9.30	619		
1916-1920	7,633	8,399	14.35	764		
1921-1925	8,259	4,550	9.78	910		
1926-1930	9,133	4,759	13.07	830		
1931-1935	8,585	5,175	7.08	959		
1936-1940	9,580	6,698	9.91	1,030		
1941-1945	11,359	6,244	14.36	1,551		
1946	13,645	7,020	15.12	1,661		
1946	12,188	5,341	16.87	1,440		
1947	13,695	7,933	24.98	1,599		
1948	12,328	6,907	29.02	1,412		
1949	11,345	6,449	27.64	1,322		
1950 (prel.)	10,425	5,850	31.08	1,293		
PORK						
1911-1915	57,390	34,460	7.80	7,040	17,860	13,069
1916-1920	63,179	30,608	14.78	7,947	14,055	11,066
1921-1925	60,669	46,269	9.04	8,520	15,454	11,891
1926-1930	67,991	45,335	10.23	8,550	17,648	14,010
1931-1935	65,740	31,415	5.57	8,248	8,209	8,105
1936-1940	63,109	30,130	8.06	8,162	21,724	17,427
1941-1945	83,026	54,765	13.14	11,609	24,092	21,240
1946	71,891	40,960	14.66	10,697	24,639	21,218
1946	76,244	44,394	18.40	11,173	22,814	19,884
1947	74,710	49,118	24.45	10,601	18,760	16,687
1948	71,036	47,615	23.14	10,205	17,489	15,343
1949	75,293	53,032	18.12	10,333	13,872	12,136
1950 (prel.)	79,480	56,064	18.20	10,867	13,203	11,730
LAMB AND MUTTON ⁵						
1911-1915	17,860	13,069	7.57	686		
1916-1920	11,066	15,05	15.05	536		
1921-1925	15,454	11,891	13.68	506		
1926-1930	17,648	14,010	13.54	588		
1931-1935	8,209	8,105	7.37	864		
1936-1940	17,405	17,405	9.04	870		
1941-1945	21,240	13,89	1,029	1,029		
1946	24,639	21,218	14.90	1,054		
1946	22,814	19,884	18.40	970		
1947	18,760	16,687	22.63	802		
1948	17,489	15,343	25.01	750		
1949	13,872	12,136	25.54	607		
1950 (prel.)	13,203	11,730	27.55	601		

¹ Includes inspected, noninspected, retail, and farm slaughter.

² Prices are for beef steers, all grades, excluding western.

³ Excludes animals slaughtered under government account.

⁴ Includes slaughter under Emergency Government Relief Purchase Program in 1934-1935.

⁵ Prices are for lambs only; (sheep represent smaller part of animals slaughtered).

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics and records.

No. 747.—DOMESTIC ANIMALS—AVERAGE PRICES RECEIVED BY FARMERS AND AVERAGE CHICAGO MARKET PRICE, BY KIND: 1911 TO 1950

[Milk cows, dollars per head; others in dollars per 100 pounds, live weight. Prices are weighted calendar year averages, except those for milk cows at local markets, and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices. See also *Historical Statistics*, series E 128, 129, 131, 133, 134, 143, 147, and 151.]

PERIOD	Milk cows at local market, per head	BEEF CATTLE ¹		CALVES, VEAL		SHEEP		LAMBS		HOGS	
		Local market	Chi- cago	Local market	Chi- cago	Local market	Chi- cago	Local market	Chi- cago	Local market	Chi- cago
1911-1915	52.80	5.80	7.80	7.10	9.30	4.58	5.13	6.02	7.57	6.89	7.60
1916-1920	79.50	8.77	12.01	11.00	14.35	8.81	10.25	11.90	15.05	13.54	14.78
1921-1925	66.30	5.91	9.18	7.96	9.78	6.25	7.02	10.16	13.53	8.24	9.04
1926-1930	79.60	8.21	11.82	10.61	13.07	6.75	6.57	10.99	13.54	9.65	10.23
1931-1935	40.20	4.74	7.44	5.72	7.08	2.85	2.81	5.67	7.37	5.08	5.57
1936-1940	57.16	6.81	0.97	8.09	9.91	3.94	4.04	7.97	9.64	7.65	8.06
1941-1945	98.68	10.86	14.41	12.28	14.36	5.96	6.45	11.98	13.89	12.58	13.14
1946	131.00	14.50	10.16	15.30	16.87	7.48	7.83	15.60	18.40	17.50	18.40
1947	151.00	18.50	25.83	20.40	24.98	8.41	8.46	20.50	22.63	24.10	24.45
1948	185.00	22.20	20.88	24.40	29.02	9.68	10.70	22.80	25.04	23.10	23.14
1949	188.00	19.80	25.80	22.70	27.84	9.31	10.07	22.40	25.54	18.10	18.12
1950 (prel.)	198.00	23.20	20.35	20.40	31.08	11.50	12.10	25.10	27.55	18.00	18.20

¹ Chicago prices are for beef steers, all grades, excluding Western.

Source: Department of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; annual report, Agricultural Statistics.

No. 748.—MEATS AND LARD—PRODUCTION, FOREIGN TRADE, AND CONSUMPTION BY KIND: 1941 TO 1949

[All quantities, except per capita, in millions of pounds of carcass weight equivalent. Edible byproducts are excluded. Production of pork excluding lard comprises weight of dressed hog carcass less head, bones and less all carcass fat rendered into lard. Lard production represents rendered weight of lard, and lard exports represent rendered lard, including neutral lard. Federally inspected production omits production in Hawaii and Virgin Islands from 1940 to date. Uninspected production is made up of farm and retail slaughter and all wholesale slaughter that is not Federally inspected. Commercial exports include commercial shipments to territories; they do not include USDA exports and shipments for Lend-Lease, UNRRA or other claimants, nor do they include shipments for military civilian feeding or voluntary relief feeding. Civilian consumption is calculated from production and foreign trade, with an allowance for changes in stocks, and with deduction of military takings beginning 1941 and of deliveries to USDA from 1941 to 1947. See also *Historical Statistics*, series E 138, 142, 146, and 150 for total production of beef, veal, lamb and mutton, and pork.]

ITEM AND YEAR	PRODUCTION			Exports of U. S. production	Imports for consumption	CIVILIAN CONSUMPTION	
	Total	Federally inspected	Uninspected			Total	Per capita (pounds)
All meats (excluding lard):							
1941	19,569	13,425	6,144	173	269	18,934	142.8
1942	21,912	15,451	6,461	104	214	18,451	136.5
1943	24,482	16,820	7,653	70	235	18,021	146.0
1944	26,178	17,921	7,257	98	190	19,827	153.5
1945	23,687	15,359	8,328	76	130	18,737	144.4
1946	22,956	13,705	9,161	116	21	21,367	153.4
1947	23,430	16,236	7,194	311	65	22,236	155.0
1948	21,446	14,721	6,725	138	350	21,256	145.4
1949	21,710	15,632	6,078	136	242	21,378	143.9
Beef:							
1941	8,082	5,732	2,360	51	257	8,021	60.5
1942	8,843	6,343	2,500	31	211	8,049	60.8
1943	8,571	5,966	2,605	26	225	8,860	62.9
1944	9,112	6,652	2,460	37	189	7,146	55.3
1945	10,275	7,236	3,039	34	127	7,063	50.0
1946	9,373	5,681	3,712	35	19	8,533	61.3
1947	10,428	7,535	2,893	175	64	9,013	69.1
1948	9,079	6,433	2,646	44	341	9,187	62.6
1949	9,448	6,908	2,460	27	228	9,420	63.5
Ven:							
1941	1,036	600	437	5	(1)	1,005	7.6
1942	1,151	667	484	3	1	1,084	8.2
1943	1,167	597	570	3	1	1,059	8.2
1944	1,738	926	812	4	1	1,594	12.4
1945	1,661	823	838	3	1	1,533	11.8
1946	1,440	642	708	3	1	1,379	9.9
1947	1,599	904	694	17	1	1,540	10.7
1948	1,412	791	621	4	5	1,373	9.4
1949	1,322	746	576	2	7	1,299	8.7
Lamb and mutton:							
1941	923	749	174	6	(1)	901	6.8
1942	1,042	879	163	4	1	950	7.2
1943	1,104	968	146	3	7	830	6.4
1944	1,024	887	137	3	(1)	857	6.6
1945	1,054	913	141	5	(1)	943	7.3
1946	970	850	120	3	(1)	925	6.6
1947	802	717	85	12	(1)	765	5.4
1948	750	665	85	5	3	736	5.0
1949	607	536	71	3	4	610	4.1
Pork (excluding lard):							
1941	9,528	6,345	3,183	111	12	9,007	67.9
1942	10,876	7,562	3,314	66	1	8,368	63.3
1943	13,640	9,308	4,332	38	8	10,172	78.5
1944	13,304	9,456	3,848	54	(1)	10,230	70.2
1945	10,697	6,387	4,310	34	2	8,598	66.3
1946	11,173	6,642	4,531	75	1	10,530	76.6
1947	10,601	7,080	3,521	107	(1)	10,018	69.8
1948	10,205	6,832	3,373	85	1	9,990	68.4
1949	10,333	7,352	2,981	104	3	10,040	67.6
Lard:							
1941	2,228	1,528	702	494	(1)	1,870	14.2
1942	2,401	1,724	676	684	(1)	1,759	13.3
1943	2,365	2,080	785	776	1	1,820	14.0
1944	3,054	2,367	687	894	(1)	1,824	14.1
1945	2,066	1,311	755	563	(1)	1,622	12.5
1946	2,138	1,344	704	470	(1)	1,660	12.0
1947	2,426	1,722	704	887	(1)	1,928	13.4
1948	2,356	1,680	678	322	(1)	2,008	13.7
1949	2,552	1,923	629	663	(1)	1,929	12.8

¹ Less than 500,000 pounds.

No. 749.—DAIRYING—COWS KEPT FOR MILK AND PRODUCTION AND PRICES OF DAIRY PRODUCTS: 1930 TO 1949
 [See also *Historical Statistics*, series E 152-170]

ITEM	1930	1935	1940	1945	1947	1948	1949
Cows and heifers, 2 yrs. old and over, kept for milk, Jan. 1, number (1,000 head)	23,032	26,082	24,940	27,770	26,098	25,039	24,416
Value per head	\$82.70	\$80.17	\$87.80	\$90.40	\$145.00	\$164.00	\$183.00
Milk produced on farms during year (million pounds)	100,158	101,205	108,502	121,504	119,055	115,527	110,245
Whole milk sold from farms during year (million pounds) ¹	41,344	42,624	53,272	76,455	76,305	74,512	77,086
Production of dairy products:							
Butter, total (1,000 lbs.) ²	2,121,032	2,171,400	2,239,516	1,700,707	1,644,934	1,508,844	1,604,161
Factory	1,597,747	1,632,380	1,836,826	1,363,717	1,329,094	1,210,324	1,412,101
Farm	523,285	530,110	402,600	336,990	315,840	298,520	282,080
Cheese, factory (1,000 lbs.) ³	489,698	620,731	785,490	1,116,772	1,182,946	1,098,366	1,200,011
Evaporated and condensed milk (unskimmed) (1,000 lbs.)	1,761,309	2,031,615	2,730,778	4,125,580	3,829,888	3,755,215	3,106,340
Ice cream (1,000 gallons) ⁴	240,750	199,385	318,088	470,357	630,766	576,261	556,554
Milk equivalent of manufactured dairy products (million pounds) ⁵	54,764	56,760	62,679	61,626	61,788	57,659	60,530
Wholesale prices:							
Wisconsin Cheese Exchange, twins (cents per lb.)	16.4	14.3	14.3	23.2	36.0	40.7	30.4
Butter, N. Y. (Grade A) (cents per lb.)	36.5	29.8	29.5	42.8	71.3	75.8	61.5
Prices received by farmers:							
Butter, per pound (cents)	36.3	26.7	26.6	45.3	63.3	66.8	58.1
Butterfat in cream, per pound (cents)	34.5	28.1	28.0	50.3	71.8	79.7	61.5
Whole milk:							
Wholesale, per 100 lbs.	\$2.21	\$1.74	\$1.82	\$3.19	\$4.26	\$4.87	\$3.04
Retail, per quart (cents)	11.3	9.8	10.3	13.4	17.5	18.8	18.6

¹ Includes sales to plants and dealers, and retail deliveries by farmers direct to consumer.

² Includes whey butter.

³ Excludes cottage, pot, bakers', and full skim American-type.

⁴ Includes data for ice cream made by counter freezers and by other small retailers.

⁵ Based on State data net. Includes whole milk equivalent of farm butter.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*.

No. 750.—ANIMALS BUTCHERED AND ANIMALS SOLD ALIVE—FARMS REPORTING, NUMBER, AND VALUE, BY KIND: 1944

ITEM	Cattle and calves, total	Cattle	Calves	Hogs and pigs	Sheep and lambs
ANIMALS BUTCHERED					
Farms reporting	(1)				
Number (thousands)	1,528	686,068	412,661	3,823,227	(1)
Value (thousands of dollars)	92,345	918	610	10,520	(1)
ANIMALS SOLD ALIVE					
Farms reporting	3,014,338	(1)	(1)	2,104,170	332,449
Number (thousands)	36,107	(1)	(1)	68,122	28,735
Value (thousands of dollars)	2,574,654	(1)	(1)	1,988,884	254,275

¹ Not available.

No. 751.—SPECIFIED ANIMAL PRODUCTS OF FARMS—QUANTITY AND VALUE, BY KIND: 1934, 1939, AND 1944

PRODUCT	FARMS REPORTING		Unit of quantity	QUANTITY (THOUSANDS)			VALUE (THOUSANDS OF DOLLARS)		
	1939	1944		1934	1939	1944	1934	1939	1944
Total value							(1)	2,499,441	5,617,875
Milk produced	4,663,431	4,494,882	Gal.	10,666,065	11,508,244	12,710,515	(1)	21,596,735	23,238,355
Whole milk sold	953,898	1,163,218	Gal.	(1)	5,375,408	7,583,052	(1)	917,085	2,149,108
Cream sold (butterfat content)	1,460,388	1,176,457	Lb.	(1)	1,090,261	805,102	(1)	205,013	408,494
Butter sold	389,316	217,135	Lb.	(1)	76,358	35,042	(1)	10,178	15,194
Wool produced	501,960	401,634	Lb.	338,682	289,773	279,070	78,745	65,412	118,282
Chickens eggs produced	4,875,4724	7,631,042	Doz.	2,160,006	2,391,092	3,370,070	365,182	415,471	1,095,789
Chickens raised	4,674,4624	4,662,189	No.	598,867	600,566	970,595	805,714	360,107	1,005,760
Turkeys raised	389,352	193,540	No.	(1)	27,934	27,202	(1)	82,716	159,690

¹ Not available.

² Computed at average return for milk utilized in dairy products sold.

Source of tables 750 and 751: Dept. of Commerce, Bur. of Census; 1945 Census of Agriculture, Vol. II.

No. 752.—MILK PRODUCED ON FARMS AND WHOLE MILK, CREAM, AND BUTTER SOLD, BY STATES: 1939 AND 1944

DIVISION AND STATE	MILK PRODUCED (thousands of gallons)		WHOLE MILK SOLD (thousands of gallons)		CREAM SOLD (butterfat content) (thousands of pounds)		BUTTER SOLD (thousands of pounds)	
	1939	1944	1939	1944	1939	1944	1939	1944
United States	11,508,244	12,710,515	5,375,408	7,583,952	1,090,261	805,102	76,358	35,042
New England								
Maine	429,028	466,006	347,424	403,656	5,388	2,013	4,626	2,580
New Hampshire	65,750	67,457	35,149	44,711	1,804	742	2,916	1,68
Vermont	39,775	40,214	30,782	32,840	388	155	509	336
Massachusetts	147,743	171,753	128,330	158,110	2,456	626	921	420
Rhode Island	89,558	93,156	75,386	83,632	404	519	174	85
Connecticut	14,219	15,547	12,824	14,169	71	13	9	1
Middle Atlantic	71,084	77,878	62,003	70,193	266	57	98	43
New York	1,433,692	1,607,448	1,229,463	1,421,424	10,815	7,317	9,988	5,001
New Jersey	838,415	914,322	738,880	827,922	5,143	2,565	4,205	1,866
Pennsylvania	101,930	116,473	93,533	109,225	182	53	106	35
East North Central	493,346	576,658	397,060	484,278	5,489	4,700	5,627	3,101
Ohio	3,218,326	3,705,225	2,077,134	2,927,295	244,767	125,610	8,626	2,538
Indiana	496,072	560,767	302,968	428,998	36,836	19,301	2,651	857
Illinois	348,414	399,492	179,066	275,269	36,318	21,287	1,139	318
Michigan	527,833	604,234	303,108	415,639	42,978	33,005	1,866	337
Wisconsin	523,495	581,533	278,634	392,298	54,035	38,312	2,233	677
West North Central	1,321,612	1,559,198	1,012,330	1,420,098	74,200	18,705	737	299
Minnesota	2,755,970	2,914,479	399,348	806,467	577,562	501,630	5,519	1,082
Iowa	866,500	900,468	126,964	364,942	209,328	147,114	707	172
Missouri	652,730	691,178	68,610	99,811	150,647	149,477	725	144
North Dakota	331,573	390,022	98,568	190,026	37,771	31,061	1,769	396
South Dakota	205,329	204,561	7,439	8,806	44,736	46,557	598	51
Nebraska	160,150	161,649	11,669	13,218	34,708	33,398	391	43
Kansas	282,475	284,622	28,608	38,130	48,813	48,618	607	74
South Atlantic	287,114	302,978	56,590	91,555	51,564	45,365	724	203
Delaware	708,888	808,810	239,799	365,329	15,968	13,250	19,745	11,474
Maryland	15,207	18,436	11,808	15,801	106	82	121	115
Dist. of Columbia	98,534	116,266	77,286	98,213	1,071	909	1,063	541
Virginia	547	424	520	389	4	6	5	2
West Virginia	153,844	177,532	49,866	77,423	6,461	6,548	4,357	2,166
North Carolina	83,948	86,314	18,380	28,796	4,587	3,550	2,008	1,180
South Carolina	143,429	160,648	26,150	49,480	1,776	1,081	5,092	3,323
Georgia	58,800	65,351	10,404	17,528	401	239	1,880	1,388
Florida	117,888	127,685	22,706	36,488	1,295	811	4,833	2,623
East South Central	36,742	55,663	22,709	41,211	268	75	367	137
Kentucky	690,821	775,985	173,805	286,773	29,444	26,183	11,795	6,452
Tennessee	208,971	244,202	49,998	84,213	17,054	17,161	1,875	676
Alabama	204,564	238,269	64,509	107,609	8,937	6,846	4,638	2,014
Mississippi	126,855	142,717	10,805	35,955	1,061	714	3,716	2,961
West South Central	150,430	155,796	39,494	58,095	2,302	1,452	1,566	801
Arkansas	972,253	951,971	205,576	309,271	89,021	66,656	13,228	5,157
Louisiana	160,828	148,412	17,292	36,189	11,187	8,493	2,118	1,029
Oklahoma	76,307	86,026	22,707	32,531	497	208	635	381
Texas	269,809	284,349	39,375	72,224	44,734	37,632	1,563	410
Mountain	475,130	433,185	126,111	168,327	32,624	20,328	8,913	3,336
Montana	456,895	492,126	166,071	264,572	53,218	37,528	1,808	391
Idaho	72,443	72,298	11,940	17,546	11,108	10,593	595	110
Wyoming	131,154	147,965	53,527	103,149	16,732	7,305	217	44
Colorado	32,689	29,672	8,997	10,752	3,756	3,271	162	33
New Mexico	100,536	102,118	34,290	43,790	12,078	10,995	388	70
Arizona	29,372	28,009	6,335	10,088	3,419	2,380	208	48
Utah	24,393	28,916	14,196	21,341	1,404	317	92	37
Nevada	54,789	71,323	33,708	53,548	2,869	1,574	138	*40
Pacific	11,519	10,525	3,082	4,389	1,857	1,002	17	9
Washington	842,371	988,966	536,788	799,166	64,078	24,877	1,073	367
Oregon	206,403	220,585	110,121	152,402	18,662	9,456	425	166
California	160,449	154,828	59,671	91,109	20,181	10,840	204	60
	485,519	613,554	366,966	555,566	25,234	4,581	445	152

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

DAIRY PRODUCTS MANUFACTURED

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No. 753.—DAIRY PRODUCTS MANUFACTURED—QUANTITY, BY KIND: 1944 TO 1949

[See also *Historical Statistics*, series E 157, 159, and 162 for data on creamery butter, ice cream, and total quantity of cheese]

PRODUCT	1944	1945	1946	1947	1948	1949
Creamery butter (incl. whey butter)-----	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Renovated or process butter-----	1,488,502 6,406	1,363,717 2,345	1,171,339 1,441	1,329,094 1,219	1,210,324 1,090	1,412,101 1,419
American cheese:						
Whole milk-----	804,787	875,084	801,264	932,718	854,447	935,018
Part skim-----	2,248	1,098	2,096	4,908	3,987	771
Full skim-----	2,028	2,172	2,367	2,153	1,754	1,251
Swiss cheese (including block)-----	45,571	50,055	55,695	71,612	70,635	81,043
Brick and Munster cheese-----	27,435	14,756	17,678	20,533	26,506	30,376
Limburer cheese-----	7,510	8,777	9,548	7,753	7,398	7,180
Cream cheese and Neufchatel-----	60,440	66,012	78,803	66,503	56,816	58,495
All Italian varieties of cheese-----	41,762	64,628	75,358	38,100	43,579	55,127
All other varieties of cheese-----	27,494	35,452	65,275	34,821	35,008	32,001
Condensed milk (sweetened):						
Skimmed-----	374,942	519,404	818,378	542,056	239,652	218,209
Unskimmed-----	202,731	220,322	183,636	247,286	171,837	148,987
Unsweetened condensed milk (plain):						
Skimmed-----	363,771	454,443	487,210	403,104	494,036	535,844
Unskimmed-----	119,403	128,875	98,471	174,525	200,485	202,073
Evaporated milk, unskimmed (unsweetened)-----	3,428,089	8,776,383	3,060,643	3,208,027	3,382,803	2,755,780
Concentrated skim milk (for animal feed)-----	20,480	12,250	23,406	18,642	22,033	13,873
Condensed or evaporated buttermilk (including concentrated product)-----						
Dry buttermilk-----	157,503	160,441	226,708	189,135	170,954	178,383
Dry whole milk-----	56,688	49,578	38,627	45,437	41,839	49,360
Nonfat dry milk solids ¹ -----	177,754	217,276	188,400	164,888	170,087	125,541
Dry cream-----	599,310	660,054	667,160	700,000	604,677	954,906
Dry whey-----	193	203	567	320	312	178
Dry casein (skim milk or buttermilk product)-----	141,553	135,920	147,953	157,583	125,185	158,057
Malted milk powder-----	15,204	12,333	18,319	35,831	14,372	18,348
Other frozen dairy products-----	40,549	42,751	46,029	37,364	31,301	25,360
Ice cream of all kinds ² -----	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Sherbets (does not include water ices)-----	444,198	476,357	713,594	630,766	576,261	566,654
Ice milk-----	49,481	65,177	12,019	10,447	12,211	13,573
Other frozen dairy products-----	9,038	12,527	18,471	15,829	19,585	25,455
	4,690	6,456	5,626	5,642	4,986	8,7,103

¹ Includes dry skim milk for animal feed.² Includes data for ice cream made by counter freezers and by other small retailers.³ Not comparable with previous years.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Production of Manufactured Dairy Products; also published in annual report, Agricultural Statistics.

No. 754.—OLEOMARGARINE—PRODUCTION AND MATERIALS CONSUMED: 1934 TO 1950

[In thousands of pounds. Colored oleomargarine is taxed 10 cents per pound; uncolored, 1/4 cent per pound]

YEAR ENDING JUNE 30—	OLEOMARGARINE PRODUCTION			MATERIAL CONSUMED	YEAR ENDING JUNE 30—			
	Total	Colored	Uncolored		1947	1948	1949	1950
1934.....	243,187	2,689	240,498	Total.....	653,872	904,999	872,541	890,213
1935.....	353,821	2,905	350,916	Coconut oil.....	27,150	13,223	890	12
1936.....	371,758	2,773	368,964	Corn oil.....	5,726	4,158	1,539	385
1937.....	389,264	1,987	887,297	Cottonseed oil.....	247,761	433,080	435,250	446,384
1938.....	415,404	1,649	413,755	Derivative of glyc-				
1939.....	332,073	1,381	331,502	erine.....	1,046	1,443	1,270	1,277
1940.....	303,717	1,860	301,858	Lecithin.....	773	1,189	1,458	1,051
1941.....	343,035	4,489	339,446	Milk.....	108,161	150,318	144,401	147,484
1942.....	368,805	14,828	353,077	Monostearine.....	667	899	725	813
1943.....	548,468	116,070	431,408	Neutral lard.....	2,316	3,580	4,119	3,874
1944.....	609,026	135,003	474,023	Oleo oil.....	2,955	3,280	3,507	3,486
1945.....	612,999	72,686	540,313	Oleo stearine.....	2,880	3,442	3,055	2,998
1946.....	561,203	66,410	484,702	Peanut oil.....	15,990	14,702	4,009	82
1947.....	642,406	65,960	576,446	Salt.....	19,970	27,387	26,289	26,772
1948.....	800,333	75,243	815,091	Soya bean oil.....	217,264	246,841	244,544	253,334
1949.....	858,613	126,677	731,936	Other.....	1,234	1,516	1,482	1,661
1950.....	875,740	271,495	604,245					

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 755.—POULTRY—NUMBER ON FARMS, VALUE, EGGS PRODUCED AND PRICES:
1930 TO 1950

[See also *Historical Statistics* series E 171-180]

YEAR	CHICKENS				EGGS		TURKEYS			
	Number, Jan. 1	Value per head, Jan. 1	Number produced	Price per pound ¹	Number produced	Price per dozen ¹	Number, Jan. 1	Value per head, Jan. 1	Number produced	Price per pound ¹
1930	Thou-sands	Dollars	Thou-sands	Cents	Millions	Cents	Thou-sands	Dollars	Thou-sands	Cents
1930	468,491	0.928	714,380	18.4	39,007	28.7	5,969	3.00	17,052	20.0
1935	389,958	.544	507,700	14.9	33,600	23.4	5,400	2.18	20,487	20.1
1940	438,288	.605	555,503	13.2	39,605	18.0	8,560	2.14	23,572	15.4
1941	422,841	.654	604,116	15.8	41,878	23.5	7,193	2.26	32,497	19.9
1942	476,936	.833	751,843	19.0	48,597	30.0	7,485	3.08	32,359	27.5
1943	542,047	1.040	913,707	21.5	54,539	37.1	6,600	4.47	31,854	32.6
1944	582,197	1.180	724,871	24.0	58,530	32.5	7,429	5.33	35,170	34.0
1945	516,497	1.210	823,452	26.1	55,885	37.7	7,203	5.78	43,701	33.6
1946	530,203	1.270	653,403	28.0	55,590	37.5	8,493	5.75	40,291	36.3
1947	474,441	1.449	660,366	26.8	55,252	45.3	6,650	6.47	34,648	38.1
1948	461,550	1.440	556,340	30.6	55,158	47.2	4,450	6.87	31,570	46.7
1949	448,676	1.660	658,096	25.7	56,629	45.2	5,540	8.70	41,980	35.1
1950	480,834	1.300	581,345	23.4	60,046	36.2	5,986	6.25	44,721	32.1

¹ Average annual price received by farmers.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, *Agricultural Statistics*.

No. 756.—PROCESSING OF EGGS AND POULTRY: 1935 TO 1950

[In thousands of pounds]

YEAR	DRIED EGG PRODUCED			Liquid egg used for immediate consumption	Frozen egg produced	Poultry for sale certified for evisceration under U.S. Govt. inspection ^{1,2}	Canned poultry ¹
	Whole	Albumen	Yolk				
1935	61	133	2,806				
1936	126	267	1,093				
1937	74	541	1,776				
1938	170	1,510	4,313	10,400	116,100	8,264	
1939	184	2,305	7,550	12,089	177,144	20,202	
1940	392	1,916	5,179	12,646	189,578	26,181	
1941	31,241	4,301	9,048	18,765	237,182	31,335	
1942	226,127	2,263	7,269	21,429	³ 257,631	59,241	
1943	252,908	2,083	6,976	26,317	³ 412,615	64,517	88,763
1944	311,369	2,310	7,068	32,844	³ 511,701	70,349	131,801
1945	96,988	1,710	7,164	18,704	³ 397,579	113,175	146,587
1946	115,344	2,112	7,988	20,081	³ 302,218	155,576	125,197
1947	80,037	1,403	4,031	15,817	³ 371,066	121,487	87,552
1948	36,018	2,078	5,670	16,901	³ 345,192	149,673	146,963
1949	69,411	2,266	4,285	18,828	³ 318,327	212,853	128,231
1950	86,993	3,605	2,820	20,115	³ 354,148	337,909	152,049

¹ Dressed weight.

² Source: Production and Marketing Administration.

³ Includes amounts which were later dried: 115,752,000 pounds for 1942; 150,346,000 for 1943; 179,146,000 for 1944; 122,167,000 for 1945; 84,219,000 for 1946; 20,638,000 for 1947; 26,311,000 for 1948; 32,395,000 for 1949; 32,134,000 for 1950. Also included in dried figures for each year.

Source: Department of Agriculture, Bureau of Agricultural Economics, except as noted; annual report, *Agricultural Statistics*.

No. 757.—CHICKENS ON FARMS, 1940 AND 1945, EGGS PRODUCED AND CHICKENS RAISED, 1939 AND 1944, BY STATES

DIVISION AND STATE	CHICKENS ¹				CHICKEN EGGS PRODUCED		CHICKENS RAISED				
	Farms reporting (thousands)		Number on hand (thousands)		Farms reporting (thousands)	Number (thousand dozens)		Farms reporting (thousands)		Number (thousands)	
	1940 (Apr. 1)	1945 (Jan. 1)	1940 (Apr. 1)	1945 (Jan. 1)		1944	1939	1944	1939	1944	
United States	5,150.1	4,900.9	337,949	433,111	4,763.0	2,391,092	3,970,070	4,674.5	4,662.2	660,566	970,695
New England	72.5	83.5	9,055	13,851	81.1	93,502	143,499	62.7	79.5	25,290	39,685
Maine	20.1	21.5	1,542	2,184	20.8	16,045	22,806	17.3	20.4	3,783	5,574
New Hampshire	8.3	9.9	1,303	2,267	9.7	14,521	22,958	7.0	9.6	3,804	6,784
Vermont	12.9	12.0	682	930	12.3	5,670	9,206	11.0	12.1	1,452	2,190
Massachusetts	16.6	22.0	8,138	4,773	21.4	33,737	52,064	14.3	20.9	7,564	13,013
Rhode Island	1.8	2.6	382	509	2.5	3,241	4,912	1.7	2.4	830	1,442
Connecticut	12.8	14.8	1,988	3,183	14.4	20,280	31,383	11.4	14.2	7,888	10,722
Middle Atlantic	265.2	257.3	31,716	42,055	248.6	269,688	374,379	227.3	243.1	58,520	86,406
New York	106.8	100.4	11,190	13,356	96.6	97,212	120,944	94.2	102.4	20,462	28,121
New Jersey	18.7	20.1	5,388	8,377	19.5	46,909	79,646	10.9	10.3	10,040	16,588
Pennsylvania	139.7	136.9	16,137	20,322	132.6	126,567	173,789	121.8	129.7	28,019	41,387
East North Central	848.6	795.6	67,306	82,071	766.0	474,630	636,911	747.8	752.3	123,126	157,975
Ohio	196.7	181.8	15,560	17,326	174.3	114,969	143,997	171.8	171.0	20,440	34,901
Indiana	189.0	150.6	11,937	15,103	144.3	83,223	119,819	143.5	142.6	26,947	35,397
Illinois	193.6	182.5	17,647	21,631	176.6	112,944	181,873	177.9	173.5	31,844	40,208
Michigan	146.2	133.5	10,023	11,388	127.2	70,203	87,225	125.6	125.5	17,531	21,312
Wisconsin	153.2	146.6	12,140	16,074	148.6	93,292	133,998	129.0	139.8	17,564	26,168
West North Central	961.8	905.5	95,212	125,741	883.4	622,027	994,679	884.4	863.0	167,247	223,038
Minnesota	162.6	157.7	10,089	26,672	154.6	110,415	227,455	145.3	150.1	28,302	45,983
Iowa	197.8	190.2	26,559	33,219	184.0	103,204	254,063	180.6	180.3	43,406	58,760
Missouri	231.4	212.7	18,768	21,455	208.4	124,587	167,132	212.3	202.2	31,927	35,882
North Dakota	62.0	58.2	3,601	5,235	56.0	10,268	31,217	58.0	56.3	6,496	9,473
South Dakota	63.8	60.5	6,238	8,513	59.2	34,702	60,235	50.5	58.0	10,078	15,033
Nebraska	108.8	101.4	10,568	14,655	90.7	71,073	114,180	103.2	97.4	22,935	28,626
Kansas	135.6	124.7	12,494	15,993	120.5	84,690	130,346	125.6	118.7	28,903	28,480
South Atlantic	887.0	881.9	33,025	42,402	859.0	207,079	271,769	820.4	843.4	101,660	219,497
Delaware	7.2	6.8	902	1,074	6.0	6,182	7,756	7.0	6.9	17,666	54,631
Maryland	34.8	34.0	3,140	3,793	32.8	22,781	27,815	32.2	32.0	11,024	35,053
Dist. of Columbia	(2)	(2)	18	14	(2)	108	124	(2)	(2)	29	21
Virginia	153.5	150.5	6,006	8,955	147.6	50,075	66,003	144.5	143.0	22,117	34,335
West Virginia	84.2	79.1	3,378	3,541	76.7	22,722	26,843	74.6	74.9	6,087	12,856
North Carolina	245.1	244.6	7,816	10,792	237.7	41,847	63,168	229.2	234.8	17,413	30,320
South Carolina	123.9	128.6	3,376	4,646	30.0	17,234	28,602	117.3	128.4	8,422	10,687
Georgia	105.8	105.3	6,871	7,188	100.4	31,616	39,473	183.5	186.6	18,376	35,568
Florida	42.5	43.4	2,029	2,448	41.9	14,513	17,496	37.7	40.9	4,033	6,018
East South Central	903.9	883.5	28,205	35,408	821.1	156,577	209,897	841.8	801.7	53,615	67,127
Kentucky	222.1	203.9	8,185	10,256	198.0	45,372	61,566	210.3	195.1	16,941	19,705
Tennessee	219.3	208.3	8,013	10,404	204.6	46,006	66,773	207.9	200.0	14,869	18,306
Alabama	211.1	200.9	6,951	7,368	196.6	33,473	43,979	194.7	190.4	10,467	14,363
Mississippi	261.4	225.4	6,055	7,390	221.0	31,120	37,570	228.9	216.3	11,388	14,764
West South Central	861.9	779.1	41,344	52,514	760.1	278,287	388,427	787.5	742.0	75,311	104,138
Arkansas	103.9	173.3	6,315	7,249	109.6	38,594	50,055	177.9	165.8	14,834	20,603
Louisiana	133.3	116.9	4,182	4,000	114.8	22,031	27,168	124.2	112.3	7,627	9,071
Oklahoma	164.8	149.9	9,047	11,607	144.5	58,676	89,219	140.1	142.8	16,947	19,870
Texas	360.9	339.0	21,800	28,662	331.2	168,386	221,975	336.4	321.1	36,103	54,685
Mountain	170.4	165.2	10,797	13,447	158.6	81,163	106,505	147.5	155.1	18,341	23,368
Montana	32.4	20.7	1,795	2,029	13,601	15,378	20.3	28.2	3,303	3,669	
Idaho	34.0	32.2	1,967	2,160	30.6	14,725	16,584	20.0	30.3	3,320	3,797
Wyoming	12.3	10.7	682	607	10.5	4,938	5,684	10.7	10.2	1,260	1,295
Colorado	42.2	40.1	2,842	3,444	38.5	19,251	26,552	37.2	37.8	5,210	6,321
New Mexico	23.4	22.2	936	1,198	21.4	6,104	8,219	10.7	20.6	1,425	2,000
Arizona	8.1	9.4	492	638	8.9	3,789	5,304	6.4	8.5	887	1,002
Utah	15.6	18.2	1,878	2,987	17.3	17,191	26,704	12.8	17.1	2,559	4,842
Nevada	2.6	2.7	205	285	2.6	1,584	2,180	2.5	2.4	377	352
Pacific	178.7	194.8	21,290	25,623	185.1	208,087	244,104	148.5	181.9	37,455	49,352
Washington	58.5	61.0	4,933	5,351	50.5	50,918	53,075	48.8	58.7	7,880	9,911
Oregon	46.4	48.8	3,075	3,501	46.5	27,484	32,187	38.0	45.5	4,825	6,437
California	73.6	84.1	13,283	16,772	79.1	120,686	158,892	61.6	77.7	24,760	33,004

¹ Chickens over 4 months old.² 50 or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 758.—POULTRY AND EGGS—FARM AND COMMERCIAL PRODUCTION, BY STATES:
1944-48 AVERAGE, AND 1950

[Eggs in millions; other figures in thousands]

DIVISION AND STATE	EGGS PRODUCED ON FARMS		CHICKENS RAISED ON FARMS		COMMERCIAL BROILERS PRODUCED		TURKEYS RAISED		CHICKS HATCHED BY COMMERCIAL HATCHERIES	
	1944-48 avg.	1950	1944-48 avg.	1950	1944-48 avg.	1950	1944-48 avg.	1950	1944-48 avg.	1950
	56,078	60,046	775,086	670,275	307,463	616,185	37,464	45,041	1,345,257	1,538,221
United States.....										
New England.....	2,433	2,703	26,946	27,059	19,885	46,825	819	830	90,091	123,698
Maine.....	395	498	5,004	5,365	2,468	16,923	49	47	7,507	14,351
New Hampshire.....	378	414	4,633	4,792	2,834	4,821	74	74	24,588	35,432
Vermont.....	171	171	1,708	1,505	489	570	148	120	1,452	1,450
Massachusetts.....	870	942	8,840	8,491	5,204	0,822	321	328	24,778	33,100
Rhode Island.....	93	102	932	1,046	536	836	32	34	2,752	1,910
Connecticut.....	526	576	5,730	5,500	8,354	14,347	104	227	20,015	37,455
Middle Atlantic.....	6,412	8,036	75,404	73,073	16,248	29,509	2,377	2,808	118,274	120,716
New York.....	2,229	2,514	22,804	22,489	6,254	9,784	714	890	24,084	25,508
New Jersey.....	1,274	2,145	14,641	14,885	3,817	6,163	344	416	29,084	38,500
Pennsylvania.....	2,910	3,377	38,050	35,690	6,176	13,562	1,810	1,502	63,066	65,710
East North Central.....	11,451	12,114	146,230	130,059	23,873	57,122	4,421	5,725	315,139	293,617
Ohio.....	2,598	2,647	31,114	27,366	4,273	5,823	1,107	1,305	62,541	60,400
Indiana.....	2,096	2,252	32,302	29,068	6,026	27,002	998	1,427	98,841	97,452
Illinois.....	2,740	2,683	37,374	30,033	7,604	14,610	1,008	1,219	104,244	84,336
Michigan.....	1,605	1,714	21,808	20,717	1,182	2,180	844	1,053	26,040	27,835
Wisconsin.....	2,412	2,518	23,572	21,075	3,888	6,607	554	721	25,573	23,694
West North Central.....	16,724	17,618	218,319	175,112	8,517	27,557	10,394	11,861	343,342	299,940
Minnesota.....	3,887	4,261	43,248	33,084	1,298	2,193	3,495	4,146	61,585	57,700
Iowa.....	4,333	4,788	54,018	43,625	3,146	6,007	2,575	3,133	92,309	76,600
Missouri.....	2,884	3,004	37,066	32,173	3,066	14,288	1,547	1,729	98,000	86,700
North Dakota.....	591	637	9,183	6,468	—	—	781	775	5,628	5,400
South Dakota.....	1,082	1,129	16,260	12,088	—	—	—	353	315	16,700
Nebraska.....	1,904	1,835	20,002	23,381	100	2,975	893	950	30,778	26,520
Kansas.....	2,093	2,004	28,043	22,793	906	2,094	750	813	38,251	33,850
South Atlantic.....	4,523	4,703	88,424	68,256	178,046	296,519	8,128	5,138	233,678	369,290
Delaware.....	138	142	2,456	1,991	57,721	81,226	82	74	37,332	54,002
Maryland.....	500	632	7,770	6,336	84,740	64,437	420	438	57,442	81,603
Virginia.....	1,188	1,284	14,925	11,580	23,995	40,633	1,180	1,084	38,618	54,867
West Virginia.....	495	513	6,051	5,355	8,469	15,070	414	887	5,613	8,923
North Carolina.....	975	1,009	22,051	17,549	10,024	25,015	365	559	35,707	53,584
South Carolina.....	353	341	9,739	7,824	3,500	8,801	385	771	7,146	12,255
Georgia.....	644	661	15,240	13,253	27,530	62,892	174	204	30,005	86,063
Florida.....	240	251	5,191	4,068	6,058	9,036	109	131	12,015	17,000
East South Central.....	3,512	3,387	69,736	56,472	11,007	36,232	588	686	40,173	60,754
Kentucky.....	1,223	1,212	21,008	16,830	1,164	1,908	210	244	11,031	10,800
Tennessee.....	1,060	981	18,568	15,640	1,970	4,205	153	191	12,078	13,500
Alabama.....	659	622	14,600	12,000	4,787	13,114	139	146	9,913	16,300
Mississippi.....	562	542	15,470	13,393	3,096	17,005	86	105	7,151	20,654
West South Central.....	5,645	5,119	87,602	73,819	32,601	88,261	4,615	5,402	96,678	127,641
Arkansas.....	672	633	13,659	12,028	17,592	49,179	114	318	11,549	36,010
Louisiana.....	348	315	9,607	9,054	1,388	2,700	47	64	5,194	6,458
Oklahoma.....	1,400	1,294	20,972	16,814	872	2,009	576	545	25,855	17,850
Texas.....	3,126	2,877	43,364	36,583	12,749	33,383	3,878	4,478	54,080	67,323
Mountain.....	1,769	1,837	24,888	21,737	764	2,686	2,965	2,955	16,467	19,658
Montana.....	230	250	3,875	3,343	—	—	142	130	1,734	2,287
Idaho.....	300	308	4,088	3,715	—	—	267	246	3,141	3,571
Wyoming.....	100	103	1,369	1,224	—	—	145	124	437	441
Colorado.....	443	448	6,870	5,497	182	1,638	794	632	0,187	8,200
New Mexico.....	133	120	2,102	1,912	—	—	85	108	1,103	900
Arizona.....	79	76	1,115	1,084	582	1,048	80	57	1,360	1,494
Utah.....	434	494	5,081	4,556	—	—	1,420	1,627	2,432	2,575
Nevada.....	41	40	430	426	—	—	42	31	103	100
Pacific.....	3,708	4,559	42,585	42,688	16,522	31,474	8,157	9,636	91,415	113,907
Washington.....	787	849	9,317	9,057	2,731	5,860	1,264	973	15,064	19,380
Oregon.....	484	477	5,602	5,161	1,142	2,130	2,114	1,628	7,620	12,600
California.....	2,438	3,233	27,666	28,470	12,649	23,484	4,770	7,035	67,841	81,927

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics.

No. 759.—ANIMAL PRODUCTS AND FISH—COLD-STORAGE HOLDINGS, BY KIND, BY MONTHS: 1946 TO 1950

[In thousands of pounds, except shell eggs, thousands of 30-dozen cases and "all meats," millions of pounds. Quantities are net weights and are as of 1st of each month. Beef and pork figures cover frozen, cured, and in process of cure]

PRODUCT AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Creamery butter:												
1946	58,127	32,135	19,462	14,925	14,052	26,856	49,649	69,510	84,980	73,981	59,586	41,477
1947	27,874	18,224	9,988	7,818	9,194	17,445	51,625	83,286	88,364	76,912	72,246	46,002
1948	23,672	13,399	7,323	3,482	4,449	18,638	53,073	83,105	97,624	93,850	83,412	60,214
1949	33,615	18,737	8,718	6,318	15,328	51,056	102,701	136,786	153,855	154,465	144,810	130,452
1950	113,993	103,057	92,886	93,489	109,020	136,867	185,167	230,063	230,398	234,111	208,228	159,873
American cheese:												
1946	112,896	95,725	81,913	74,420	73,054	86,089	110,807	120,136	126,899	126,084	101,185	92,422
1947	89,873	87,459	74,795	71,757	88,737	107,476	130,005	151,661	169,571	164,651	151,455	139,355
1948	128,188	107,236	93,570	90,469	91,907	106,712	140,038	168,809	185,324	182,449	167,535	140,701
1949	126,534	116,779	111,073	105,608	109,920	117,021	140,859	102,346	183,208	188,259	185,839	175,764
1950	168,070	150,906	140,004	141,946	153,135	186,062	229,785	256,395	287,977	202,421	276,930	233,733
All varieties of cheese:												
1946	127,011	106,623	91,372	86,008	84,845	102,142	136,759	148,786	160,272	157,180	129,941	123,435
1947	123,692	114,606	98,053	93,427	113,854	133,495	161,368	185,202	202,697	193,849	176,626	162,682
1948	147,883	124,106	110,125	103,350	105,263	123,507	165,201	197,220	217,819	212,282	195,470	164,410
1949	148,100	135,110	126,503	120,563	125,903	134,765	162,250	185,517	210,411	213,433	209,515	196,125
1950	188,653	176,821	163,922	158,134	171,553	208,936	254,246	280,948	316,681	326,907	310,240	261,259
Shell eggs:												
1946	113	272	1,678	8,771	6,425	8,683	9,871	9,537	7,960	6,738	3,585	1,717
1947	767	287	221	508	1,742	3,432	4,203	4,208	3,807	2,804	1,818	824
1948	196	269	374	1,165	3,091	4,908	5,689	5,526	4,608	3,290	1,686	444
1949	150	152	144	580	954	1,943	2,200	1,936	1,426	810	501	250
1950	110	380	735	1,296	2,147	3,412	3,067	3,163	2,568	1,558	502	61
Frozen eggs: ¹												
1946	129,424	111,721	117,903	149,710	200,176	245,287	265,050	260,101	235,256	207,244	168,501	132,664
1947	102,437	80,800	73,664	98,718	153,876	202,245	227,303	241,573	234,434	216,762	189,506	164,673
1948	138,192	122,485	120,665	143,258	195,954	248,574	206,748	257,327	238,431	200,686	160,287	139,208
1949	104,932	71,582	58,621	71,319	107,065	141,361	168,582	168,304	146,868	121,476	96,382	72,656
1950	53,902	65,052	73,159	116,546	155,108	170,732	188,476	174,761	155,369	133,002	104,378	75,582
Frozen poultry:												
1946	355,914	303,964	356,730	320,027	256,822	209,944	178,905	178,842	207,137	184,841	261,006	301,030
1947	316,577	316,712	283,923	525,242	485,208	256,187	171,717	171,260	174,627	183,024	205,653	277,870
1948	317,463	203,640	282,374	205,745	153,424	117,935	99,507	91,136	88,234	108,368	154,617	171,472
1949	160,834	148,418	131,496	108,732	88,205	77,823	74,733	71,261	88,466	132,380	211,517	277,608
1950	202,351	205,736	200,523	212,108	167,000	136,548	122,328	140,367	179,179	135,352	271,999	269,640
Beef:												
1946	174,241	179,153	150,003	157,181	138,682	102,798	64,649	64,110	65,322	72,855	68,749	101,308
1947	156,019	176,767	184,001	101,481	166,307	137,580	106,282	94,401	97,390	85,817	101,720	183,537
1948	175,231	176,110	165,169	144,254	112,124	96,755	82,705	70,559	68,837	73,039	87,775	110,587
1949	149,329	150,858	140,125	127,169	107,598	86,761	74,237	68,429	66,083	63,076	69,721	91,169
1950	120,736	130,412	112,721	100,205	90,872	72,402	60,131	60,503	72,905	81,156	94,508	113,235
Pork:												
1946	320,571	300,740	426,646	396,758	370,873	332,742	322,433	290,755	168,861	99,859	142,912	209,946
1947	276,282	309,473	309,317	397,794	394,421	364,531	352,814	331,749	264,124	105,896	187,071	304,851
1948	527,150	650,309	700,114	661,309	606,827	580,658	582,496	508,213	359,704	234,909	203,103	310,706
1949	469,153	585,215	611,123	536,249	545,231	465,108	419,500	367,043	283,178	204,678	208,087	297,205
1950	473,741	582,737	573,108	548,640	541,955	492,194	469,361	394,402	303,588	240,544	210,758	326,300
All meats:												
1946	604	689	701	669	620	573	461	444	351	228	266	401
1947	564	731	736	748	715	648	597	549	473	381	390	502
1948	867	996	1,031	968	851	790	779	686	528	395	382	535
1949	763	889	903	861	761	673	612	547	451	362	370	493
1950	725	860	816	778	749	674	638	543	466	410	405	545
Frozen fish:												
1946	140,208	115,398	99,061	84,265	75,318	84,725	97,806	126,837	152,403	147,085	149,549	158,486
1947	152,803	127,381	97,939	78,242	70,202	79,732	80,158	110,611	132,030	135,870	140,070	142,102
1948	133,844	112,046	90,491	76,743	68,268	85,601	100,537	127,474	135,928	140,161	148,049	158,008
1949	150,974	127,035	104,188	82,722	74,940	91,453	114,031	127,216	140,344	150,008	160,077	158,710
1950	146,813	125,616	105,818	87,183	79,027	97,773	116,897	137,307	153,625	168,473	166,105	165,394
Lard and rendered pork fat:												
1946	82,826	83,480	90,184	80,438	71,153	45,530	34,910	43,590	37,969	30,021	31,513	40,623
1947	68,756	122,088	117,557	109,254	127,680	148,603	175,269	193,736	162,565	125,570	90,437	73,377
1948	113,286	133,513	187,416	129,028	138,924	150,660	181,327	174,304	180,751	98,587	66,526	77,021
1949	116,397	160,610	179,628	156,782	138,216	125,823	103,800	95,255	68,819	48,768	38,320	39,808
1950	73,995	92,949	81,174	87,306	108,105	128,467	136,288	106,613	76,496	58,241	52,128	57,704

¹ Frozen eggs may be converted to cases on basis of 37.5 pounds to a case.

Source: Frozen fish, Department of Interior, Fish and Wildlife Service; annual bulletins. Other figures, Department of Agriculture, Production and Marketing Administration; annual report, Agricultural Statistics; also published in monthly mimeographed reports.

No. 760.—WOOL—STOCKS, PRODUCTION, PRICE, IMPORTS, AND EXPORTS:
1916 TO 1950

ITEM	1916-1920	1921-1925	1926-1930	1931-1935	1936-1940	1941-1945
Sheep and lambs shorn (thousands).....	34,788	32,160	30,753	45,801	46,069	45,366
Weight per fleece (pounds).....	7.2	7.4	7.8	8.0	8.0	7.9
Shorn wool production (1,000 lbs.).....	261,185	238,333	310,682	360,308	360,583	360,185
Price per pound (cents) ¹	44.1	32.0	30.0	18.8	26.7	40.3
Pulled wool production (1,000 lbs.).....	43,360	44,720	53,600	64,780	64,680	68,340
Apparel wool (1,000 lbs.):						
Total production.....	294,545	283,053	364,282	451,148	425,263	428,525
Imports, less reexports ²	325,619	183,293	3 107,522	3 37,404	122,672	4 660,237
Exports, domestic ³	3,568	699	300	122	412	12,860
Total new supply ⁴	616,596	465,647	471,504	468,430	547,423	4 1,084,893
Carpet wool, imports (1,000 lbs.) ²	70,085	138,086	3 134,601	3 101,004	133,368	84,610
ITEM	1945	1946	1947	1948	1949	1950 ⁵
Stocks of apparel wool, Jan. 1 (1,000 lbs.) ⁶	740,183	787,060	802,860	706,140	3 348,231	9 258,374
Sheep and lambs shorn (thousands).....	38,763	34,718	31,241	29,000	28,975	27,150
Weight per fleece (pounds).....	7.9	8.1	8.1	8.1	8.0	8.1
Shorn wool production (1,000 lbs.).....	307,949	280,487	252,798	235,924	216,873	220,135
Price per pound (cents) ¹	41.9	42.3	42.0	48.8	49.4	57.3
Pulled wool production (1,000 lbs.).....	70,500	61,300	56,600	46,600	35,600	32,400
Apparel wool (1,000 lbs.):						
Total production.....	378,449	341,787	300,398	280,524	252,473	252,535
Imports, less reexports ²	4 725,237	4 923,814	528,171	598,466	347,904	550,803
Exports, domestic ³	28,797	16,008	12,720	1,154	15,775	6,796
Total new supply ⁴	4 1,074,889	4 1,249,593	824,849	875,836	584,002	706,542
Carpet wool, imports (1,000 lbs.) ²	70,521	125,418	112,120	160,634	86,621	165,755

¹ Price received by farmers.² Imports for consumption beginning 1934, general imports prior thereto. Apparel wool for all years includes item "not finer than 40's" both free and dutiable. Carpet wool includes only Domskoï, Smyrna, East Indian, Chinese, and similar wool without merino or English blood.³ For the years 1930-35 the item "not finer than 40's" has been deducted from carpet wool totals reported by Department of Commerce and added to apparel wool, thus making entire series comparable.⁴ Excludes 222,222,220 lbs. in 1942; 275,476,505 lbs. in 1943; 2,725,928 lbs. in 1944; 5,372,698 lbs. in 1945; and 14,840 lbs. in 1946, imported free of duty as an act of international courtesy. Wool so imported consisted almost entirely of wool stored in this country for the British Government, and later re-exported. This wool was not available to domestic mills.⁵ Includes hair of angora goat, alpaca, and other like animals.⁶ Production, minus exports, plus imports; stocks not taken into consideration.⁷ Preliminary.⁸ As reported by Bureau of Census. Includes wool stored in bonded warehouses prior to payment of duty. Excludes wool on farms for all years, and wool stored for British Government for re-export, 1945-46.⁹ As of April 1.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Exports and imports from Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S.

No. 761.—WOOL—PRODUCTION, PRICE, AND CASH RECEIPTS, BY REGION:
1938 TO 1950

ITEM AND YEAR	United States	North Atlantic	E. N. Central	W. N. Central	South Atlantic	South Central	Western
Sheep and lambs shorn (thousands):							
1938-47, average	42,918	651	4,094	6,722	845	11,733	18,873
1948	20,000	421	2,493	4,220	631	8,689	12,626
1949	26,975	409	2,305	3,880	622	7,814	11,965
1950	27,150	402	2,286	4,010	629	8,149	11,724
Weight per fleece (pounds):							
1938-47, average	7.09	7.28	7.88	7.88	5.13	7.36	8.60
1948	8.05	7.24	8.03	7.83	5.31	7.36	8.77
1949	8.04	7.28	7.98	7.94	5.28	7.64	8.52
1950	8.11	7.42	8.26	7.93	5.39	7.36	8.85
Shorn wool production (1,000 lbs.):							
1938-47, average	342,784	4,704	32,180	53,014	4,334	86,312	162,239
1948	233,924	3,047	20,000	33,044	3,352	63,789	110,683
1949	216,873	2,976	18,384	30,667	3,284	59,661	101,901
1950	220,135	2,981	18,257	31,795	3,389	59,945	103,768
Price per pound (cents):¹							
1938-47, average	35.6	38.3	37.6	35.3	41.4	36.8	34.4
1948	48.8	43.7	46.4	45.0	47.9	53.1	47.9
1949	49.4	46.9	46.4	44.3	48.7	54.8	48.4
1950	57.3	54.5	53.2	53.8	55.0	62.8	56.1
Cash receipts (\$1,000):							
1938-47, average	120,377	1,759	11,846	18,800	1,740	31,517	54,698
1948	114,072	1,484	9,275	14,867	1,606	33,855	52,985
1949	107,137	1,307	8,531	13,592	1,598	32,686	49,832
1950	126,171	1,624	9,705	17,117	1,804	37,642	58,219

¹ Price received by farmers.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics.

No. 762.—WOOL CONSUMED IN MANUFACTURES: 1924 TO 1950

[In millions of pounds. See also *Historical Statistics*, series J 176]

YEAR	SCOURED BASIS ¹			YEAR	SCOURED BASIS ¹		
	Total	Apparel class ²	Carpet class		Total	Apparel class ²	Carpet class
1924	342.2	240.7	92.5	1938	284.6	219.6	64.9
1925	340.9	251.7	98.2	1939	306.5	233.1	103.4
1926	342.7	254.7	88.0	1940	407.9	310.0	97.9
1927	354.1	258.7	95.4	1941	648.0	514.4	133.6
1928	333.2	232.4	100.8	1942	603.6	580.5	43.1
1929	308.1	253.2	114.9	1943	636.2	603.3	32.9
1930	263.2	200.7	82.5	1944	622.8	577.0	45.8
1931	311.0	237.7	73.3	1945	645.1	589.2	55.0
1932	230.1	188.5	41.6	1946	3737.5	609.6	127.9
1933	317.1	245.5	71.6	1947	3608.3	525.9	172.4
1934	229.6	167.6	62.1	1948	3683.1	485.2	207.9
1935	417.5	319.0	98.5	1949	3500.4	339.0	161.4
1936	406.1	299.8	106.3	1950	3624.6	428.9	195.7
1937	380.8	274.2	106.6				

¹ Scoured wool, plus greasy wool reduced to a scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled.

² Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."

³ Includes raw wool consumed on woolens and worsteds systems only. Raw wool consumed on cotton and other systems and by felt and batting manufacturers amounted to about 10 million pounds in 1946.

Source: Department of Commerce, Bureau of the Census; monthly data are published in *Facts for Industry* Series M15H.

No. 763.—DOMESTIC AND OTHER ANIMALS ON FARMS, BY KIND—SUMMARY FOR ALASKA, AMERICAN SAMOA, GUAM, HAWAII, PUERTO RICO, AND VIRGIN ISLANDS

[Figures are as of Apr. 1 except for Alaska, which are as of Oct. 1.]

CLASS	NUMBER					
	Alaska		American Samoa		Guam	
	1929	1939	1930	1940	1930	1940
Horses.....	811					
Mules.....	8	496	{ 215	121	147	126
Asses and burros.....						
Carabaos.....					3,253	1,560
Cattle.....	1,869	3,749	600	272	6,948	5,845
Milk cows.....	653	1,217	(1)	26	(1)	260
Sheep.....	6,558	17,076				
Goats.....	325	280				
Swine.....	310	969	5,170	8,641	7,016	14,089
Chickens.....	10,979	18,374	16,108	22,908	154,784	209,465
Fur-bearing animals.....	21,045	34,433				
Reindeer.....	712,500	312,854				
Hawaii						
Hawaii		Puerto Rico		Virgin Islands		
1930	1940	1930	1940	1930	1940	
Horses.....	12,030	2 10,044	42,120	38,688	802	2,054
Mules.....	7,975	2 4,491	5,827	4,652	994	1,623
Asses and burros.....	878		1,756	1,647	523	2,544
Carabaos.....	102	52				
Cattle.....	138,316	2 139,078	296,235	290,734	12,252	28,706
Milk cows.....	10,465	10,952	112,370	89,217	4,720	2,480
Sheep.....	32,137	3 26,207	3,250	3,488	1,533	3,819
Goats.....	452	4 765	34,269	42,861	1,470	4,234
Swine.....	30,563	4 31,684	69,266	97,306	860	1,124
Chickens.....	270,523	272,500	(1)	4 981,358	3,331	4 8,046

¹ Not available.² Excluding data for animals under 3 months old.³ Excluding data for sheep and lambs under 6 months old.⁴ Excluding data for animals or chickens under 4 months old.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Territories and Possessions.

No. 764.—PRINCIPAL CROPS, LAND HARVESTED AND PRODUCTION—SUMMARY FOR ALASKA, HAWAII, VIRGIN ISLANDS, PUERTO RICO, GUAM, AND AMERICAN SAMOA

[Leaders indicate no data available]

AREA AND CROP	LAND HARVESTED (ACRES)	PRODUCTION					
		Unit	Quantity		1929	1939	
	1929		1929	1939			
ALASKA							
Barley.....	39	Bushel.....			970	13,219	
Oats.....	153	do.....			6,913	13,661	
Potatoes.....	271	do.....			40,893	41,887	
Wheat.....	54	do.....			1,054	9,470	
HAWAII							
		1930	1940		1930	1940	
Coffee.....	5,360	Pound.....			19,949,521	8,546,783	
Corn.....	1,532	Ton.....			1,004	816	
Pineapples.....		48,598			364,940	614,484	
Potatoes, white.....	214	487			6,054	19,916	
Rice.....	2,046	Pound.....			7,582,067	1,901,816	
Sugarcane.....	146,063	135,945	Ton.....		7,471,452	8,535,023	
Sweetpotatoes and yams.....	336	180	Pound.....		1,877,700	927,105	
Taro.....	772	622	Ton.....		11,951	5,790	
VIRGIN ISLANDS							
		1929	1939		1929	1939	
Sugarcane.....	5,823	4,007	Ton.....		50,405	42,641	
Sweetpotatoes and yams.....	28	131	Hundredweight.....		831	1,801	

No. 764.—PRINCIPAL CROPS, LAND HARVESTED AND PRODUCTION—SUMMARY FOR ALASKA, HAWAII, VIRGIN ISLANDS, PUERTO RICO, GUAM, AND AMERICAN SAMOA—Con.

AREA AND CROP	LAND HARVESTED OR NUMBER OF TREES OR PLANTS		PRODUCTION			
	1929	1939	Unit	Quantity		
				1929	1939	
PUERTO RICO	Cuerdas	Cuerdas	Pound	7,331,877	32,652,044	
Coffee	191,712	181,106	Cwt.	449,016	368,110	
Corn	70,217	59,350	Pound	5,482,462	1,637,067	
Cotton	10,282	3,381	Cwt.	194,203	192,488	
Dry beans	40,902	48,363	do		157,222	
Pigeon peas		34,301	do	22,126	70,150	
Rice	5,244	13,753	Ton	5,602,451	7,237,717	
Sugarcane	237,758	220,750	Cwt.	1,152,443	1,031,600	
Sweetpotatoes	47,016	49,565	Pound	30,358,149	19,885,377	
Tobacco	52,947	28,584	Cwt.	350,047	427,072	
Yanita	16,683	22,080	Bunch	25,825,650	16,014,474	
Bananas		47,114	Number	12,003,000	21,776,289	
Coconuts		12,981	Box or no.	604,943	24,829,581	
Grapefruit		4,869	do	871,370	116,273,562	
Oranges		9,870	Crate	436,400	319,234	
Pineapples		1,912	Bunch	1,951,633	6,166,226	
Plantains		16,775				
	1929	1939		1929	1939	
GUAM	Acres	Acres				
Arrowroot	75	93	Pound	48,836	136,640	
Cassava	165	181	do	105,511	472,057	
Corn	3,565	2,176	Bushel	37,686	36,313	
Rice	197	517	do	4,096	10,860	
Sweetpotatoes	543	321	do	10,689	13,753	
Taro	1,033	718	Number	1,824,967	2,446,909	
Yams	404	199	Bushel	21,098	15,273	
	Number of trees or plants	Number of trees or plants				
Alligator pears (avocados)	7,407	10,220	Number	287,901	950,881	
Bananas	250,521	536,240	Bunch	196,327	301,264	
Breadfruit	36,403	37,279	Number	3,671,100	2,931,706	
Coconuts	1,021,884	885,424	do	17,431,589	20,849,546	
Coffee	101,488	98,254	Pound	54,718	42,686	
Kapok	6,380	9,629	do	14,856	18,283	
Lemons	8,496	11,270	Number	882,233	868,684	
Mangos	6,268	4,002	do	1,184,248	1,933,761	
Oranges	4,891	5,477	do	393,047	305,078	
Papayas	6,847	7,719	do	96,712	78,153	
Pineapples	157,528	134,263	do	118,233	87,025	
Tangerines		3,951	do		647,719	

AREA AND CROP	F FARMS REPORTING		LAND HARVESTED OR NUMBER OF TREES OR PLANTS		PRODUCTION	
	1929	1939	1929	1939	Unit	Quantity,
						1929
AMERICAN SAMOA	Number	Number	Acres	Acres	Pound	3,478
Arrowroot	38	690	4	4	do	62,675
Sugarcane	48	808	13	13	Number	1,746,880
Taro	808	1,017	714	714	Pound	99,139
Tobacco	95	197	108	108	Bushel	3,819
Yams	112	542	67	67		
			Number of trees or plants	Number of trees or plants		
Alligator pears (avocados)	288	348	918	1,275		
Bananas	810	1,027	262,600	3,459,000		
Breadfruit	803	1,028	25,280	346,000		
Coconuts			4,275,000	4,245,000		
Limes	101	550	279	2,383		
Mangos	402	631	1,615	3,203		
Oranges	400	671	2,080	4,690		

¹ For 1929, box; for 1939, number.² Data for 1939 not available.³ Estimated in part.⁴ Based on estimates supplied by Governor of Samoa.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Territories and Possessions.

26. Forests and Forest Products

The Bureau of the Census, Department of Commerce, and the Forest Service, Department of Agriculture, are the principal Government agencies engaged in the collection and publication of statistics of forest land, forest industries, and forest products. The Forest Service, through its forest survey activities, makes an inventory of the forest resource and measures rates of forest growth and drain. A number of reports for surveyed areas have been published. A report based on a reappraisal of the Nation's forest situation made during 1945 and 1946 was published in 1948. Statistics from this report are shown in tables 765-768. Other publications of the Forest Service include data on stumpage and log prices, lumber consumption and distribution, lumber used in manufacture, and fire statistics. The *Statistical Supplement to the Annual Report of the Chief of the Forest Service* carries statistics of the administration of the national forests.

The Bureau of the Census, Department of Commerce, publishes information on forest industries and products in reports of the Census of Manufactures, in addition to annual reports of the Census of Forest Products. The Bureau of the Census also publishes statistics of foreign trade in forest products. Information on the domestic movement of forest products is reported by the Interstate Commerce Commission and the Association of American Railways.

The Bureau of Agricultural and Industrial Chemistry of the Department of Agriculture publishes annual reports on the production of turpentine and rosin.

The Bureau of Labor Statistics of the Department of Labor publishes statistics of wholesale lumber prices monthly and annually.

The Timber Products and Pulp and Paper series of the Industry Reports, published by the Bureau of Foreign and Domestic Commerce in cooperation with other government agencies, carry forest products statistics which have been developed to meet current needs for information.

A number of forest products trade associations and trade journals collect and publish statistics of forest products, production, markets, shipments, inventories, etc.

The completeness and reliability of published statistics of forests and forest products vary considerably. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those areas which have not been covered. Forest fire statistics for federal lands are considered much better than for private lands, though too much reliance should not be placed in any estimates of fire damage or causes of fires.

In the field of forest products, data for lumber production and other manufactured products such as veneer and plywood, pulp and paper, cooperage, naval stores, etc., are much more complete than for the primary forest products such as poles and piling, fuelwood, and fence posts. The data for lumber production are subject to certain limitations because of incomplete coverage. Information for pulp and paper, and plywood, on the other hand, is believed to have practically complete coverage. Statistics relating to average value of lumber sawed may be subject to some special limitations due to under representation of small mills.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series F 145-150") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 765.—FOREST LAND AREA AND OWNERSHIP OF COMMERCIAL FOREST LAND, BY STATES

[In thousands of acres. Status beginning of 1945]

REGION AND STATE	Total forest land	All ownerships	COMMERCIAL FOREST LAND 1					
			Federally owned or managed			State, county, and municipal	Private	
			Total	National	Other		Total	Farm
Total	623,828	461,044	88,957	73,512	15,445	27,114	344,973	139,058
North	211,753	170,321	11,311	9,523	1,788	19,414	139,596	61,010
New England	31,092	30,851	891	822	69	666	29,294	6,477
Connecticut	1,907	1,900				155	1,745	711
Maine	16,788	16,665	74	47	27	50	16,541	2,173
Massachusetts	3,310	3,297	24	23	2	271	3,002	906
New Hampshire	4,860	4,722	621	613	8	70	4,022	1,086
Rhode Island	452	447					27	420
Vermont	3,835	3,820	172	161	11	84	3,504	1,404
Middle Atlantic	44,214	41,586	1,476	1,265	211	3,013	36,497	11,854
Delaware	442	442	2		2	7	433	228
Maryland	2,742	2,722	44	3	41	149	2,529	1,198
New Jersey	2,848	2,829	53		55	96	2,180	424
New York	13,500	11,114	75		75	732	10,307	3,651
Pennsylvania	16,228	16,127	470	442	28	2,514	12,143	3,369
West Virginia	9,064	9,852	832	820	12	115	8,908	2,984
Lake	55,700	50,345	6,495	5,455	1,040	14,805	29,045	13,930
Michigan	19,000	17,880	2,155	2,035	120	4,115	11,110	3,260
Minnesota	19,700	16,700	2,670	2,170	500	7,100	6,080	4,330
Wisconsin	17,000	16,265	1,670	1,260	420	3,560	11,005	6,340
Central	44,919	44,213	2,117	1,951	166	326	41,770	25,789
Illinois	3,396	3,319	192	175	17	10	3,117	3,092
Indiana	3,445	3,358	104	79	25	76	3,178	3,139
Iowa	2,248	2,226	16	5	11	19	2,191	2,186
Kentucky	11,857	11,694	534	427	107	35	11,125	5,421
Missouri	19,142	18,837	1,199	1,193	6	78	17,560	8,839
Ohio	4,831	4,779	72	72		108	4,599	3,112
Plains	35,828	33,326	332	30	302	4	2,990	2,960
Kansas	1,121	1,011					1,011	1,011
Nebraska	1,112	987	39	15	24		948	948
North Dakota	621	470	55		55	1	414	414
Oklahoma (West) ²	6,328							
South Dakota (East) ³	662	618	215	15	200	3	400	400
Texas (West) ²	25,986	249	23		23		217	187
South	186,804	183,266	14,078	10,138	3,940	2,160	167,028	69,060
South Atlantic	43,843	42,023	3,455	2,775	710	536	38,902	23,377
North Carolina	18,400	17,097	1,312	960	352	242	16,443	10,072
South Carolina	10,611	10,549	720	549	171	187	9,642	5,084
Virginia	14,832	14,377	1,453	1,266	187	107	12,817	7,621
Southeast	91,842	89,399	5,909	3,802	2,107	1,216	82,265	33,134
Alabama	18,878	18,800	886	613	273	121	17,793	7,259
Florida	23,478	21,765	1,713	1,009	704	326	19,726	3,996
Georgia	21,432	21,107	1,202	646	556	72	19,833	10,362
Mississippi	15,889	15,868	1,307	979	328	410	14,151	6,323
Tennessee	12,165	11,850	801	555	246	287	10,762	5,194
West Gulf	51,119	50,953	4,684	3,661	1,123	408	45,361	12,549
Arkansas	20,036	19,928	2,645	2,214	431	104	17,179	6,142
Louisiana	16,198	16,169	747	536	211	265	15,157	2,969
Oklahoma (East) ²	4,320	4,308	610	163	456	23	3,666	812
Texas (East) ²	10,567	10,548	673	648	25	16	9,850	2,026
West	225,271	107,457	63,568	53,851	9,717	5,540	38,349	8,988
Pacific Northwest	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334
Oregon	29,755	26,330	15,251	11,530	3,721	1,101	9,978	1,537
Washington	24,100	19,874	7,761	5,811	1,950	2,634	9,770	1,707
California	45,515	46,405	8,099	7,084	415	23	8,283	1,309
North Rocky Mountain	53,246	29,066	20,012	18,061	1,951	1,702	7,352	2,847
Idaho	18,813	10,140	6,436	5,838	598	925	2,782	841
Montana	24,238	14,758	10,122	9,118	1,004	699	3,937	1,614
South Dakota (West) ³	1,317	1,147	920	618	2	4	223	144
Wyoming	8,878	8,012	2,534	2,187	347	74	404	248
South Rocky Mountain	72,655	15,782	12,445	10,765	1,630	380	2,967	1,498
Arizona	19,558	2,815	2,744	2,058	686	30	41	36
Colorado	19,902	7,874	5,923	5,387	536	162	1,799	650
Nevada	4,720	98	24	24			74	13
New Mexico	20,001	3,405	2,405	2,020	385	149	911	693
Utah	8,494	1,530	1,349	1,276	73	49	132	106

¹ Includes land capable of producing timber of commercial quantity and quality, and available now or prospectively, for commercial use.² Western and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.³ Eastern and central portions of South Dakota included in the Plains; southwestern portion (Black Hills) included in the North Rocky Mountain region.

No. 766.—SAW TIMBER AND GROWTH ON COMMERCIAL FOREST LAND, BY STATES

[In millions of board feet. Status beginning of 1945. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Includes trees large enough for sawlogs regardless of actual use, in accordance with practice of region. Volumes on lumber-tally basis]

REGION AND STATE	VOLUME OF SAW TIMBER						SAW-TIMBER GROWTH		
	Total	Soft-wood	Hard-wood	On saw-timber areas		On other than saw-timber areas	Total	Soft-wood	Hard-wood
				On virgin areas	On second-growth areas				
Total.....	1,600,972	1,296,377	304,595	840,340	660,719	99,913	35,301	21,848	13,453
North.....	220,429	65,836	154,593	21,642	159,386	39,401	8,355	2,000	6,355
New England.....	58,197	33,263	24,934	726	48,605	8,866	1,799	910	889
Connecticut.....	1,642	258	1,384	—	—	1,111	531	107	14
Maine.....	36,787	24,279	12,508	525	31,912	4,350	760	491	269
Massachusetts.....	4,670	1,946	2,724	15	3,867	788	242	96	146
New Hampshire.....	7,610	3,424	4,186	88	5,739	1,783	380	174	215
Rhode Island.....	153	22	131	—	69	84	9	1	8
Vermont.....	7,335	3,334	4,001	98	5,907	1,330	292	134	158
Middle Atlantic.....	62,045	14,017	48,028	1,197	47,459	13,339	2,712	597	2,115
Delaware.....	1,183	519	664	25	1,029	129	62	27	35
Maryland.....	4,030	1,779	2,251	37	3,058	940	202	105	97
New Jersey.....	2,188	788	1,405	25	1,362	801	103	37	66
New York.....	25,279	6,926	18,353	329	21,088	3,832	785	191	594
Pennsylvania.....	20,682	8,087	17,495	162	13,406	7,014	1,111	103	918
West Virginia.....	8,783	923	7,860	619	7,521	643	449	44	405
Lake.....	50,710	15,670	35,049	17,390	23,280	10,040	1,403	346	1,057
Michigan.....	24,140	7,400	16,740	13,550	7,500	3,000	519	96	423
Minnesota.....	11,580	4,940	6,650	2,020	5,560	4,010	420	170	244
Wisconsin.....	14,980	3,380	11,650	1,820	10,220	2,940	464	74	390
Central.....	43,747	2,418	41,329	1,249	36,616	5,832	2,248	128	2,120
Illinois.....	3,717	22	3,695	71	3,002	554	208	1	207
Indiana.....	6,175	6	6,169	—	5,773	402	298	2	296
Iowa.....	5,344	43	5,301	—	4,842	502	295	2	293
Kentucky.....	12,392	1,611	10,781	707	10,356	1,230	638	83	555
Missouri.....	6,984	663	6,321	381	3,849	2,754	388	37	351
Ohio.....	9,135	73	9,062	—	8,704	431	421	3	418
Plains.....	5,730	468	5,262	1,080	3,426	1,224	193	19	174
Kansas.....	2,880	—	2,880	600	1,800	480	82	—	82
Nebraska.....	1,500	300	1,200	360	660	480	58	10	48
North Dakota.....	434	20	414	—	344	90	16	1	15
Oklahoma (West).....	—	—	—	—	—	—	—	—	—
South Dakota (East).....	720	96	624	120	486	120	26	4	22
Texas (West) ¹	196	52	144	—	142	54	11	4	7
South.....	837,987	193,790	144,197	11,617	305,833	20,537	19,938	12,919	7,019
South Atlantic.....	97,141	59,326	37,815	—	90,205	6,936	6,106	4,016	2,090
North Carolina.....	42,241	27,962	14,270	—	40,108	2,132	2,680	1,835	754
South Carolina.....	29,580	19,362	10,218	—	28,452	1,128	1,733	1,234	499
Virginia.....	25,320	12,002	13,318	—	21,644	3,676	1,784	947	837
Southeast.....	135,887	76,992	58,895	4,674	121,473	9,740	8,224	5,284	2,940
Alabama.....	33,361	20,681	12,680	694	30,482	2,185	2,021	1,392	629
Florida.....	17,308	12,862	4,446	844	14,410	2,054	689	767	222
Georgia.....	40,543	28,941	11,602	2,005	36,121	2,417	2,501	1,995	506
Mississippi.....	30,453	11,592	18,861	1,181	27,200	2,116	1,866	904	662
Tennessee.....	14,222	2,916	11,306	—	13,254	968	847	226	621
West Gulf.....	104,959	57,472	47,487	6,943	94,155	3,861	5,608	3,619	1,989
Arkansas.....	37,528	22,315	15,213	2,080	33,040	1,508	1,929	1,186	743
Louisiana.....	36,895	13,980	22,965	2,402	33,184	1,219	1,803	070	923
Oklahoma (East) ¹	8,048	2,044	1,004	284	2,497	317	137	95	42
Texas (East) ¹	27,488	19,183	8,305	2,137	24,534	817	1,649	1,368	281
West.....	1,042,556	1,036,751	5,805	807,081	195,500	39,975	7,008	6,929	79
Pacific Northwest.....	630,894	626,941	3,953	513,149	111,706	6,039	4,224	4,152	72
Oregon.....	281,389	378,577	2,812	307,288	71,913	2,188	2,493	2,432	51
Washington.....	249,505	248,364	1,141	205,861	39,703	3,861	1,741	1,720	21
California.....	227,505	227,505	—	180,082	32,624	14,859	1,160	1,160	—
North Rocky Mountain.....	127,229	126,293	936	69,810	43,212	14,207	1,306	1,302	4
Idaho.....	60,766	60,764	32	27,078	28,076	5,642	826	826	(8)
Montana.....	52,515	52,112	403	32,020	12,581	7,964	418	414	4
South Dakota (West) ²	2,866	2,866	—	1,249	1,333	284	22	22	(8)
Wyoming.....	11,052	10,551	501	9,463	1,272	317	40	40	40
South Rocky Mountain.....	56,868	55,952	916	44,040	7,958	4,870	318	315	3
Arizona.....	16,270	16,270	—	14,265	1,787	218	94	94	—
Colorado.....	27,668	26,742	916	18,727	4,860	4,071	145	142	3
Nevada.....	367	367	—	287	35	45	1	1	—
New Mexico.....	8,471	8,471	—	7,134	871	466	58	58	—
Utah.....	4,102	4,102	—	3,627	405	70	20	20	—

¹ Volume in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

² Volume in eastern and central portions of South Dakota included in the Plains; that in southwestern portion (Black Hills) included in North Rocky Mountain region.

³ Less than 600,000 board feet.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 767.—SAW TIMBER—VOLUME, BY SPECIES AND REGION

[In millions of board feet. Status beginning of 1945. For States represented in regions shown, see table 766]

KIND OF WOOD	Total North and South	New Eng- land	Middle Atlan- tic	Lake	Central	Plains	South Atlantic	South- east	West Gulf
Eastern softwoods, total	259,626	33,263	14,017	15,670	2,418	468	59,326	76,992	57,472
Southern yellow pine	188,327	142	4,035	1,727	51	54,064	70,927	56,491	
Spruce and fir ¹	27,007	20,649	2,718	3,600	—	—	40	—	—
White and Norway pine	16,383	7,330	3,050	3,690	161	—	817	358	—
Hemlock	14,921	3,764	3,995	5,950	848	—	726	142	—
Cypress	6,286	—	—	126	1	2,277	3,284	548	
Other	7,752	1,378	218	2,430	61	416	512	2,304	433
Eastern hardwoods, total	298,790	24,934	48,028	35,040	41,829	5,262	37,815	58,895	47,487
Oak	101,381	2,265	19,012	5,090	20,370	702	12,815	21,017	20,110
Beech, birch, and maple	67,887	20,740	19,310	17,060	7,207	—	2,330	1,210	—
Sweet gum	26,476	—	—	—	616	36	6,667	10,516	8,641
Tupelo and black gum	18,957	—	—	—	348	3	6,250	7,309	5,047
Cottonwood and aspen	15,652	1,385	1,154	6,380	2,472	2,414	116	907	834
Yellow poplar	12,347	56	1,710	2,169	—	—	4,512	3,900	—
Other	56,060	488	6,842	6,480	8,147	2,107	5,125	14,036	12,855

KIND OF WOOD	Total West	PACIFIC NORTHWEST			California	North Rocky Mountain	South Rocky Mountain
		Total	Douglas-fir subregion	Pine subregion			
Western species, total	1,042,556	630,894	504,931	125,963	227,565	127,229	56,868
Douglas fir	430,028	331,227	310,528	20,704	68,613	26,718	3,470
Ponderosa pine	185,026	80,198	4,850	75,348	61,191	26,771	26,865
True firs	113,541	57,854	46,464	11,390	43,012	9,360	3,315
Western hemlock	97,207	95,855	94,469	1,386	—	1,362	—
Sugar pine and western white pine	40,224	8,089	6,171	1,918	10,505	12,630	—
Redwood	38,114	—	—	—	38,114	—	—
Spruce	35,880	8,020	8,020	—	—	12,409	15,361
Larch	26,608	8,727	145	8,582	—	17,879	—
Lodgepole pine	22,060	1,171	37	1,134	—	14,408	6,488
Other softwoods	48,066	35,800	30,386	5,414	7,130	4,678	458
Hardwoods	5,805	3,953	3,866	87	—	936	916

¹Balsam fir.²Ponderosa pine.³Excludes dead chestnut of sawlog size still standing and usable.⁴May include some white fir, Sitka spruce, western hemlock, Port Oxford cedar and western red cedar commonly lumped with Douglas-fir in redwood cruising.⁵Excludes 416 million board feet in Plains region.⁶Includes Jeffery pine.⁷Includes western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir areas.⁸Redwood exclusive of volume of 1,000 bigtree on cruises in west-side Sierra subregion.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 768.—ANNUAL DRAIN FROM COMMERCIAL FOREST LANDS BY CUTTING FOR COMMODITIES AND BY DESTRUCTIVE AGENCIES

[Includes drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use]

ITEM	ALL TIMBER DRAIN (MILLIONS OF CU. FT.)			SAW-TIMBER DRAIN (MILLIONS OF BD. FT.)		
	Total	Softwoods	Hard-woods	Total	Softwoods	Hard-woods
Aggregate	13,661	8,151	5,510	53,893	38,530	15,363
Timber cut for commodities (1944)	12,182	7,348	4,884	49,658	35,591	14,087
Lumber	6,711	4,778	1,933	34,391	26,130	8,261
Fuelwood	2,208	719	1,484	3,863	1,957	1,906
Pulpwood	1,306	1,163	143	4,757	4,500	257
Hewed ties	363	163	210	1,643	777	866
Fence posts	220	59	161	226	82	144
Veneer logs	392	165	227	1,971	942	1,029
Mine timbers	225	40	185	320	70	250
Cooperage	174	40	134	744	195	549
Shingles	72	72	—	334	334	—
Other	516	159	357	1,409	604	805
Timber removed by destructive agencies (average 1934-45)	1,479	803	676	4,235	2,939	1,296
Fire	460	247	213	859	547	312
Insects, disease, wind, etc.	1,019	556	463	3,376	2,392	984

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 769.—FOREST FIRES—NUMBER, AND AREA BURNED OVER ON FEDERAL, STATE, AND PRIVATE FOREST LANDS: 1932 TO 1949

[Area in thousands of acres. See also *Historical Statistics*, series F 145-150]

CALENDAR YEAR	FEDERAL LANDS, PROTECTED AREA ¹			STATE AND PRIVATE FORESTS ²					
				On protected area			On unprotected area		
	Forest area ³	Number of fires	Area burned over	Forest area ³	Number of fires	Area burned over	Forest area ³	Number of fires	Area burned over
1932	138,525	4,933	410	266,723	55,567	3,234	220,617	105,890	38,410
1933	170,696	4,517	380	266,250	48,770	3,348	218,664	87,435	40,107
1934	182,167	8,064	668	282,979	61,264	3,516	209,558	93,345	37,648
1935	180,448	7,962	278	281,751	54,502	2,311	204,379	77,743	27,796
1936	187,122	11,144	425	298,365	73,709	3,702	195,050	141,432	38,090
1937	182,872	9,468	90	301,911	54,292	1,254	182,768	121,449	20,037
1938	191,860	9,873	316	309,453	76,326	2,623	158,884	146,030	30,876
1939	157,691	12,350	522	278,919	85,677	3,266	148,812	114,638	26,660
1940	153,723	14,070	482	281,706	73,527	2,934	146,749	107,824	22,432
1941	153,559	10,002	437	282,074	80,904	3,138	143,743	108,706	22,830
1942	163,561	9,941	576	290,928	75,849	3,803	136,687	122,428	27,415
1943	183,052	9,892	702	299,331	78,815	3,860	131,275	121,019	27,772
1944	212,344	8,985	375	301,228	56,148	2,301	129,010	66,096	13,873
1945	213,210	8,530	445	302,042	48,176	2,456	126,050	68,013	14,780
1946	213,597	9,670	321	318,508	66,103	2,253	120,489	96,505	18,117
1947	215,361	8,928	318	327,968	71,442	2,814	111,026	120,429	20,093
1948	217,724	6,681	312	339,463	61,095	1,902	99,531	106,413	14,283
1949	214,505	8,592	317	357,168	78,640	2,320	81,826	105,533	12,760

¹ In continental U. S.; includes National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.

² In continental U. S. and Hawaii. Data reported to Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. Statistics on unprotected areas based on State estimates only.

³ Prior to 1939 forest area included total area needing protection. Beginning with 1939, this area included only forest area needing protection, which accounts for reduction in areas between 1938 and 1939.

Source: Department of Agriculture, Forest Service; annual report, Forest Fire Statistics, and records.

No. 770.—FOREST FIRES—EXPENDITURES FOR CONTROL ON STATE AND PRIVATE FOREST LANDS, 1920 TO 1950 AND BY STATES, 1950

[In thousands of dollars. See also *Historical Statistics*, series F 151-154]

FISCAL YEAR AND STATE	Total expenditures	Federal	State and county	Private agencies	STATE	Total expenditures	Federal	State and county	Private agencies
1920	945	85	860		Florida	1,581	466	607	448
1930	5,500	1,252	4,248		Georgia	1,280	264	1,024	2
1940	9,188	1,988	7,200		Louisiana	868	220	648	
1941	9,278	1,979	7,299		Maine	804	155	649	
1942	11,168	2,703	6,272	2,193	Michigan	1,433	432	1,001	
1943	13,743	4,624	6,714	2,405	Minnesota	734	269	465	
1944	13,960	5,870	6,351	1,730	Mississippi	725	260	465	
1945	14,601	5,925	6,562	2,114	Missouri	621	188	433	
1946	16,899	7,012	7,498	2,389	New York	801	243	558	
1947	19,603	7,890	9,477	2,236	North Carolina	776	247	508	21
1948	23,500	8,604	12,831	2,065	Oregon	2,248	708	640	900
1949	27,875	8,572	17,201	2,102	Pennsylvania	684	200	484	
1950	28,934	8,551	18,121	2,262	South Carolina	885	320	515	
Alabama	907	333	404	80	Virginia	575	168	416	1
Arkansas	818	271	532	15	Washington	2,022	504	1,136	322
California	5,457	1,480	3,977		Wisconsin	1,044	285	759	
					Other states ¹	4,721	1,498	2,750	473

¹ Includes Hawaii.

Source: Department of Agriculture, Forest Service; records.

NATIONAL FOREST AREAS AND PURCHASES

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No. 771.—NATIONAL FOREST AREAS AND PURCHASES: 1905 TO 1950

[National forest area data are cumulative totals as of June 30 and include Alaska and Puerto Rico. Forest reservation purchases are for fiscal year ending June 30, and include Puerto Rico. See also *Historical Statistics*, series F 69-73]

ITEM	1905	1910	1920	1930	1940	1945	1949	1950
NATIONAL FOREST AREAS¹								
Gross area within established boundaries (1,000 acres)-----	85,603	102,931	180,300	183,976	228,174	228,703	220,175	220,341
Under Forest Service Administration (1,000 acres)-----	75,352	168,029	150,032	160,001	176,770	170,381	180,895	181,205
NATIONAL FOREST PURCHASES								
Gross area approved for purchase (acres)-----			101,428	538,048	553,077	5	60,710	61,078
Average price per acre (dollars)-----			4.44	2.73	3.98	194.00	7.85	8.71
Total price (1,000 dollars)-----			450	1,469	2,201	1	464	532

¹ See headnote, table 772.

Source: Department of Agriculture, Forest Service; annual reports on National Forest Areas, and annual reports of the National Forest Reservation Commission.

No. 772.—NATIONAL FOREST AND OTHER AREAS, BY STATES AND FOR ALASKA AND PUERTO RICO: JUNE 30, 1950

[Areas in acres; comprises national forests, purchase units, experimental areas, land utilization and other areas placed under administration of Forest Service, but not given a national-forest status. See also *Historical Statistics*, series F 69-70, for gross area and area under Forest Service]

STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration	STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration
Total-----	229,341,063	48,136,425	181,204,638	Nebraska-----	207,209	1,181	206,028
Alabama-----	2,435,748	1,814,988	620,700	Nevada-----	5,881,534	324,308	5,057,226
Arizona-----	12,150,651	664,593	11,495,058	New Hampshire-----	808,324	120,743	676,581
Arkansas-----	3,596,049	1,236,850	2,350,190	New Mexico-----	10,268,877	1,298,530	8,970,347
California-----	25,068,963	5,143,076	19,925,287	North Carolina-----	3,593,436	2,489,288	1,104,148
Colorado-----	15,282,988	1,516,284	13,710,704	North Dakota-----	764,425	763,905	520
Florida-----	1,241,956	167,108	1,074,848	Ohio-----	1,466,020	1,305,584	100,445
Georgia-----	1,732,322	1,069,612	662,710	Oklahoma-----	344,209	166,322	177,947
Idaho-----	21,572,287	1,286,029	20,285,388	Oregon-----	17,366,024	2,546,625	14,820,299
Illinois-----	812,654	591,036	221,015	Pennsylvania-----	746,706	274,957	471,749
Indiana-----	784,647	673,427	111,220	South Carolina-----	1,423,343	837,504	585,830
Iowa-----	218,671	213,922	4,749	South Dakota-----	1,403,197	288,102	1,115,095
Kentucky-----	1,303,534	936,551	456,083	Tennessee-----	1,531,707	987,067	574,730
Louisiana-----	1,274,977	714,392	560,585	Texas-----	1,716,935	1,058,823	685,112
Maine-----	878,032	828,004	49,128	Utah-----	0,009,452	1,133,317	7,876,135
Maryland-----	4,318	3,208	1,110	Vermont-----	580,520	361,222	219,288
Massachusetts-----	1,651		1,651	Virginia-----	4,126,776	2,684,867	1,441,900
Michigan-----	5,189,076	2,651,528	2,537,548	Washington-----	10,751,774	1,067,752	9,684,022
Minnesota-----	5,041,784	2,392,838	2,648,931	West Virginia-----	1,805,514	962,186	903,328
Mississippi-----	2,777,325	1,730,040	1,047,285	Wisconsin-----	2,019,608	564,352	1,465,346
Missouri-----	3,459,099	2,109,701	1,350,208	Wyoming-----	9,018,328	447,141	8,566,187
Montana-----	19,008,201	2,478,230	16,520,971	Alaska-----	20,881,981	36,012	20,846,069
				Puerto Rico-----	180,182	153,193	32,989

Source: Department of Agriculture, Forest Service; annual report, National Forest Areas.

No. 773.—NATIONAL FOREST LAND PURCHASES, BY STATES AND FOR PUERTO RICO, TO JUNE 30, 1950

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts]

STATE OR OTHER AREA	Gross area (acres)	TOTAL NET AREA APPROVED FOR PURCHASE			NET AREA PURCHASED			Remaining acquirable area (acres)
		Acres	Aver- age price per acre	Total price (1,000)	Acres	Aver- age price per acre	Total price (1,000)	
Total.	53, 210, 999	18, 635, 792	\$3. 84	\$71, 668	18, 574, 135	\$3. 83	\$71, 206	23, 352, 428
Alabama	2, 435, 087	504, 221	3. 67	1, 851	504, 221	3. 67	1, 851	1, 460, 841
Arkansas	3, 594, 258	1, 160, 535	2. 90	3, 365	1, 153, 404	2. 87	3, 312	861, 852
California	956, 988	130, 721	8. 25	1, 079	130, 721	8. 25	1, 079	675, 300
Florida	1, 241, 956	782, 831	3. 14	2, 460	781, 291	3. 13	2, 445	153, 998
Georgia	1, 727, 585	500, 976	4. 03	2, 954	500, 504	4. 02	2, 946	840, 464
Idaho	726, 970	36, 710	3. 44	126	34, 857	3. 44	120	210, 700
Illinois	801, 944	190, 000	6. 41	1, 257	104, 264	6. 39	1, 241	402, 486
Indiana	781, 467	106, 589	7. 19	767	101, 016	7. 14	728	393, 186
Iowa	218, 671	4, 749	9. 11	43	4, 749	9. 11	43	184, 562
Kentucky	1, 393, 521	456, 878	4. 05	1, 851	456, 526	4. 05	1, 847	651, 797
Louisiana	1, 274, 977	551, 476	3. 00	1, 654	550, 720	2. 98	1, 643	634, 138
Maine	878, 032	49, 624	6. 60	327	49, 117	6. 62	326	636, 663
Michigan	5, 143, 042	1, 890, 022	3. 06	5, 701	1, 889, 071	3. 06	5, 781	2, 041, 111
Minnesota	5, 041, 324	1, 547, 923	2. 46	3, 821	1, 545, 111	2. 46	3, 808	2, 087, 491
Mississippi	2, 685, 527	1, 004, 481	3. 54	3, 553	1, 003, 060	3. 53	3, 537	1, 527, 643
Missouri	3, 450, 990	1, 323, 370	2. 31	3, 003	1, 320, 382	2. 31	3, 048	1, 682, 007
Nevada	9, 965	8, 895	14. 50	120	8, 895	14. 50	120	-----
New Hampshire	806, 323	674, 198	7. 76	5, 232	660, 046	7. 77	5, 205	107, 416
New Mexico	92, 514	20, 715	1. 02	40	20, 715	1. 02	40	10, 200
North Carolina	3, 605, 120	1, 035, 093	5. 18	5, 359	1, 027, 182	5. 14	5, 285	1, 726, 180
North Dakota	764, 425	480	10. 00	5	480	10. 00	5	400, 480
Ohio	1, 400, 020	98, 777	7. 19	710	92, 447	7. 00	647	1, 132, 034
Oklahoma	344, 269	178, 177	1. 70	319	177, 107	1. 77	314	158, 001
Oregon	60, 704	52, 407	17. 03	804	52, 467	17. 03	804	7, 297
Pennsylvania	726, 315	460, 655	6. 27	2, 943	460, 555	6. 26	2, 942	142, 872
South Carolina	1, 423, 330	562, 785	6. 22	3, 498	562, 179	6. 20	3, 488	770, 008
Tennessee	1, 531, 707	562, 330	4. 48	2, 518	560, 334	4. 46	2, 499	608, 078
Texas	1, 710, 935	652, 838	4. 62	3, 017	652, 838	4. 62	3, 017	809, 103
Utah	22, 025	2, 77	63	22, 625	2, 77	63	-----	-----
Vermont	580, 520	210, 166	9. 14	2, 004	209, 457	9. 33	1, 964	267, 180
Virginia	3, 041, 040	1, 446, 668	3. 27	4, 736	1, 445, 680	3. 27	4, 732	1, 578, 646
West Virginia	1, 865, 508	903, 322	3. 41	3, 076	903, 322	3. 41	3, 076	648, 703
Wisconsin	2, 019, 678	1, 360, 019	2. 17	2, 969	1, 360, 440	2. 17	2, 969	343, 435
Puerto Rico	186, 155	13, 986	18. 00	194	13, 993	13. 84	193	85, 577

Source: National Forest Reservation Commission, Annual Report.

No. 774.—FOREST TREES PLANTED ON FARM LANDS, WITH COSTS: 1926 TO 1950

[In thousands. See also *Historical Statistics*, series F 84-87]

YEAR	Trees planted (calendar year)	COSTS (YEAR ENDING JUNE 30)			YEAR	Trees planted (calendar year)	COSTS (YEAR ENDING JUNE 30)		
		Total	Federal contri- buti- on ¹	State ex- penditure			Total	Federal contri- buti- on ¹	State ex- penditure
1926	22, 610	\$268	\$45	\$223	1942	74, 210	\$527	\$115	\$412
1930	25, 836	403	81	322	1943	46, 350	448	115	333
1935	26, 150	206	55	151	1944	37, 980	463	119	344
1936	35, 048	251	55	196	1945	37, 743	572	114	458
1937	41, 698	321	71	251	1946	45, 588	637	113	524
1938	55, 360	365	70	295	1947	42, 347	886	117	769
1939	64, 213	398	97	301	1948	77, 324	1, 178	113	1, 065
1940	87, 408	524	140	384	1949	2, 102, 903	1, 406	113	1, 293
1941	97, 650	526	113	413	1950	2, 136, 592	1, 503	180	1, 314

¹ Provided by Clarke-McNary law, Act of June 7, 1924, and the Norris-Doxey law, Act of May 18, 1937.² Data for year ending June 30.

Source: Department of Agriculture, Forest Service.

No. 775.—NATIONAL FORESTS—GRAZING, ROADS AND TRAILS, VISITORS, TIMBER CUT, RECEIPTS, PAYMENTS TO STATES, AND ALLOTMENTS TO FOREST SERVICE: 1905 TO 1950

[Data for years ending June 30. See also *Historical Statistics*, series F 74-83, 88-108]

ITEM AND UNIT OF MEASURE	1905	1910	1920	1930	1940	1945	1949	1950
Livestock grazing: ¹								
Cattle, horses, and hogs ² —thousands	692	1,408	3,96	1,358	1,177	1,206	1,126	1,092
Sheep and goats ² —do	1,710	7,649	8,557	6,714	4,949	3,889	3,092	3,006
Roads and trails:								
Road construction—miles				1,726	1,709	258	4,308	213
Road betterment (reconstruction) do					1,945	158	4,539	240
Trail construction—do				6,176	2,221	77	158	828
Expenditures, total \$1,000				10,356	23,511	8,407	17,753	16,036
Utilization of recreation resources ³								
1,000 visits				6,911	16,163	10,074	26,080	27,368
Improved public recreation areas do				5,253	13,053	5,072	13,209	12,941
Other public recreation resources do				1,658	3,110	5,002	12,871	14,427
Utilization of highways, roads, and water routes ⁴								
1,000 visits				5,450	22,270	14,530	54,537	56,707
Forest products, total value \$1,000	86	1,082	1,887	4,930	5,168	13,201	29,163	31,140
Timber cut (commercial and cost sales, land exchanges):								
Volume million ft. b. m.	88	370	805	1,053	1,740	3,145	3,740	8,502
Value \$1,000	86	908	1,764	4,700	4,807	13,016	28,749	30,714
Timber cut (free use):								
Volume million ft. b. m.	105	88	116	326	154	114	121	
Value \$1,000	176	113	117	7304	7171	7190	7215	
Misc. forest products, value do			10	23	58	104	224	211
Receipts, total do	73	2,041	4,703	6,752	5,859	16,048	31,076	33,505
Timber use do	73	1,011	2,044	4,390	3,943	11,587	26,927	29,379
Grazing use do		970	2,486	1,943	1,463	2,159	3,276	3,385
Special land use, water power, etc. do	60	203	419	453	2,302	878	831	
Payments to States and territories, total \$1,000		511	1,253	1,710	1,460	4,030	7,824	8,460
25-percent fund do		510	1,180	1,678	1,438	4,003	7,719	8,343
Arizona and New Mexico school fund \$1,000		1	73	41	28	36	61	72
Payment to State of Minnesota do							44	44
Allotments to Forest Service, total do			472	671	678	1,001	3,224	3,476
Roads and trails do		472	671	573	1,601	3,088	3,358	
Acquisition of lands do				105		136		138

¹ Number permitted to graze under permit. Calendar year data beginning 1930.

² Excludes animals under 6 months of age.

³ Figures cover 6 months period ending December.

⁴ Beginning 1949, excludes Forest Highway Construction.

⁵ Calendar year.

⁶ Includes free use not reducible to bd. ft. Value as follows: 1940, \$3,774; 1945, \$8,201; 1949, \$21,270; 1950, \$20,408.

No. 776.—FOREST TREES PLANTED ON FARM LANDS, WITH COSTS, BY STATES, YEAR ENDING JUNE 30, 1950

STATE OR OTHER AREA	Forest trees planted on farm lands during year (thousands)	EXPENDITURES (\$1,000)		STATE OR OTHER AREA	Forest trees planted on farm lands during year (thousands)	EXPENDITURES (\$1,000)	
		Total	Federal contribution ¹			Total	Federal contribution ¹
Total	136,592	1,503	189	Nevada	30		
Alabama	7,810	27	5	New Hampshire	283	10	4
Arkansas	4,344	11		New Jersey	718	34	4
Colorado	589	18	5	New York	13,801	184	5
Connecticut	183	6	3	North Carolina	5,600	60	6
Delaware	65	2	1	North Dakota	853	18	5
Florida	8,399	30	5	Ohio	1,850	44	5
Georgia	12,502	39	5	Oklahoma	583	40	6
Idaho	317	12	4	Oregon	630	16	5
Illinois	2,420	92	5	Pennsylvania	13,686	168	5
Indiana	2,149	62	5	South Carolina	16,770	46	5
Iowa	257	32	5	South Dakota	680	67	7
Kansas	502			Tennessee	771	20	5
Kentucky	561	10	5	Texas	5,383	18	1
Louisiana	6,834	41	6	Utah	123	10	4
Maine	196	6	3	Vermont	122	18	4
Maryland	566	21	4	Virginia	1,905	20	4
Massachusetts	506	35	4	Washington	116	13	5
Michigan	1,226	37	5	West Virginia	733	25	4
Mississippi	11,323	60	5	Wisconsin	5,949	52	5
Missouri	899	25	5	Wyoming	205	10	3
Montana	411	25	5	Hawaii	77	7	3
Nebraska	1,161	30	4	Puerto Rico	2,526	16	5

¹ Provided by Clarke-McNary law, Act of June 7, 1924, and Norris-Doxey law, Act of May 18, 1937.

Source of tables 775 and 776: Department of Agriculture, Forest Service.

No. 777.—LIVESTOCK UNDER PAY PERMIT ON NATIONAL FORESTS, 1949, AND RECEIPTS FROM GRAZING FOR FISCAL YEAR ENDING JUNE 30, 1950, BY STATES
 [No livestock grazed or money received from Alaska or Puerto Rico]

STATE OR OTHER AREA	Livestock under pay permit, 1949		Receipts from grazing fiscal year 1950 ¹	STATE OR OTHER AREA	Livestock under pay permit, 1949		Receipts from grazing fiscal year 1950 ²
	Cattle and horses ¹	Sheep and goats ¹			Cattle and horses ¹	Sheep and goats ¹	
Total.....	Number 1,125,639	Number 3,092,229	\$1,000 3,386	Nevada.....	Number 54,557	Number 139,357	\$1,000 159
Alabama.....	20			New Mexico.....	76,529	107,431	204
Arizona.....	133,514	86,098	377	North Carolina.....	78		(*)
Arkansas.....	2,304		1	North Dakota.....			
California.....	113,731	128,207	260	Ohio.....	167		1
Colorado.....	165,319	622,839	539	Oklahoma.....	30		(*)
Florida.....	1,802		1	Oregon.....	70,246	165,030	203
Idaho.....	108,823	620,537	414	Pennsylvania.....	43		(*)
Illinois.....	1,051		1	South Carolina.....	425		(*)
Indiana.....	55		(*)	South Dakota.....	25,513	14,845	42
Iowa.....	282		(*)	Tennessee.....	111		(*)
Louisiana.....	304		(*)	Texas.....	1,356		1
Michigan.....	1,662	295	2	Utah.....	108,272	488,919	452
Minnesota.....	650	69	(*)	Vermont.....	83		(*)
Mississippi.....	1,200		(*)	Virginia.....	226	57	(*)
Missouri.....	3,169	37	6	Washington.....	20,035	30,443	58
Montana.....	114,555	269,367	307	West Virginia.....	1,248	1,339	5
Nebraska.....	12,518		47	Wisconsin.....	406		(*)
				Wyoming.....	105,356	408,350	800

¹ Excludes animals under 6 months of age.² Includes grazing trespass.³ Less than \$500.

Source: Department of Agriculture, Forest Service.

No. 778.—PAYMENTS TO STATES, ALASKA, AND PUERTO RICO FROM RECEIPTS OF NATIONAL FORESTS: 1948 TO 1951

[In thousands of dollars. For years ending June 30. Payments are 25 percent of net receipts of preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests (exclusive of school-fund payments to Arizona and New Mexico, and payments for acquisition of land), under Act of May 23, 1908]

STATE OR OTHER AREA	1948	1949	1950	1951	STATE OR OTHER AREA	1948	1949	1950	1951
Total.....	4,547	5,983	7,719	8,343	Nevada.....	25	34	35	42
Alabama.....	34	66	90	114	New Hampshire.....	19	25	23	24
Arizona.....	196	220	244	291	New Mexico.....	108	112	124	137
Arkansas.....	160	278	375	499	North Carolina.....	53	61	85	64
California.....	474	561	1,133	973	North Dakota.....	(1)	(1)	(1)	(1)
Colorado.....	183	215	218	225	Ohio.....	2	3	3	4
Florida.....	52	60	66	58	Oklahoma.....	11	26	40	56
Georgia.....	56	63	81	65	Oregon.....	930	1,670	2,045	2,230
Idaho.....	304	328	418	495	Pennsylvania.....	28	21	14	23
Illinois.....	9	12	17	12	South Carolina.....	66	88	100	150
Indiana.....	1	1	2	1	South Dakota.....	72	71	57	39
Iowa.....	(1)	(1)	(1)	(1)	Tennessee.....	31	20	40	51
Kentucky.....	23	30	25	37	Texas.....	103	103	263	339
Louisiana.....	43	73	101	113	Utah.....	92	102	112	138
Maine.....	1	7	6	2	Vermont.....	26	30	26	24
Michigan.....	62	93	65	82	Virginia.....	35	41	38	36
Minnesota.....	78	77	68	69	Washington.....	738	836	1,108	1,224
Mississippi.....	103	202	197	265	West Virginia.....	28	25	20	21
Missouri.....	15	14	25	26	Wisconsin.....	33	53	66	66
Montana.....	196	207	251	207	Wyoming.....	101	117	100	119
Nebraska.....	6	10	12	12	Alaska.....	37	11	5	6
					Puerto Rico.....	4	4	3	4

¹ Less than \$500.

Source: Department of Agriculture, Forest Service; annual report, Agricultural Statistics.

No. 779.—LUMBER PRODUCTION, BY KIND OF WOOD, AND AVERAGE MILL VALUE: 1869 TO 1949

[Data not strictly comparable because of incomplete coverage of numerous small mills in the East prior to 1942 and exclusion of mills cutting less than 50 M ft., b. m., for all years prior to 1942 except 1869-1909, and 1919. Exclusion of under 50 M class of mills would affect totals less than 1 percent as reflected by 1942 survey. Data for 1943-46 and for 1949 include estimates based on sample surveys. Small production quantities are subject to large sampling errors. See also *Historical Statistics*, series F 109-111 and F 120-122 for similar but not identical figures from Dept. of Agric. Forest Service.]

YEAR	PRODUCTION (MILLION FT., BD. MEAS.)			AVERAGE MILL VALUE (DOLLARS PER 1,000 BD. FT.)						
	Total	Soft- wood	Hard- wood	Total	Soft- woods	Hard- woods				
1869	12,756									
1870	18,091									
1879	23,842			11.41						
1889	135,078	26,146	8,634	11.13	10.27	18.53				
1890	44,510	33,897	10,613	15.38	14.08	19.52				
1891	34,552	27,407	7,145	30.21	28.39	37.32				
1892	30,886	20,813	7,073	26.94	24.31	35.04				
1893	10,539	16,248	3,291	20.43	19.08	27.09				
1894	28,634	24,903	4,031	23.32	22.48	28.47				
1895	33,476	27,977	5,409	28.09	27.26	32.34				
1896	36,332	29,510	6,822	31.50	30.73	34.87				
1897	34,280	26,917	7,371	36.86	35.57	41.57				
1898	32,938	25,100	7,778	(2)	(2)	(2)				
1899	28,122	21,140	6,982	(2)	(2)	(2)				
1900	34,112	26,867	8,256	(2)	(2)	(2)				
1901	35,404	27,937	7,467	55.00	55.00	55.00				
1902	(2)	(2)	(2)	(2)	(2)	(2)				
1903	32,176	26,472	5,704	(2)	(2)	(2)				
KIND OF WOOD	PRODUCTION (MILLION FEET BOARD MEASURE)									
	1899	1919	1929	1939 ³	1945	1947	1949	1929	1939	1947
Softwood, total	26,146	27,407	29,813	21,408	21,140	27,937	26,472	4 24.31	4 20.97	4 55.00
Balsam fir	68	38	20	(2)	27	(2)	25.40	10.43	(2)	
Cedar	233	332	309	264	303	366	(2)	34.83	40.68	68.00
Cypress	406	656	532	422	228	240	230	35.29	35.60	82.00
Douglas fir	1,737	5,902	8,689	6,404	6,237	9,042	9,074	20.05	17.91	55.00
Hemlock	3,421	1,755	2,009	676	1,039	1,244	1,177	18.90	19.39	58.00
Larch	51	388	246	111	(2)	202	224	18.35	16.80	44.00
Lodgepole pine	16	31	56	65	100	98	98	17.97	17.76	46.00
Ponderosa pine	945	1,755	2,388	3,360	3,056	3,830	3,715	26.47	22.75	54.00
Redwood	360	410	436	345	444	529	744	31.00	34.56	70.00
Spruce	1,442	980	564	347	358	392	346	28.64	26.68	58.00
Sugar pine	54	134	349	309	228	343	380	43.08	30.10	70.00
White fir	223	307	98	409	673	759	20.63	17.34	50.00	
White pine	7,742	1,724	1,248	1,158	1,203	1,370	1,119	29.87	25.90	58.00
Yellow pine	9,650	13,063	11,630	7,749	7,210	9,473	8,259	25.66	19.70	53.00
Other softwood	9				203	7	338			
Hardwood, total	8,634	7,145	7,073	3,740	6,982	7,467	5,704	4 38.04	4 27.66	4 55.00
Alder	(2)	24	21	14	24	(2)	27.18	24.63	52.00	
Ash	269	155	152	90	84	106	121	43.14	34.33	71.00
Basswood	308	184	132	96	100	126	108	39.88	31.04	60.00
Beech	359	187	120	352	330	256	28.39	22.03	52.00	
Birch	133	375	374	141	152	175	152	39.35	33.11	67.00
Chestnut	207	546	268	74	(2)	33	(2)	20.51	21.04	48.00
Cottonwood	415	144	165	130	209	381	217	29.70	21.41	50.00
Elm	457	104	176	74	150	202	144	35.28	24.54	55.00
Hickory	97	170	67	38	159	156	102	40.33	26.75	53.00
Magnolia	2	42	20	(2)	(2)	(2)	(2)	38.11	27.20	(2)
Maple	633	857	824	445	522	630	508	36.93	32.51	60.00
Oak	4,438	2,708	2,574	1,432	2,859	3,193	2,518	38.43	26.32	52.00
Red gum	285	861	1,104	883	971	803	515	34.42	28.28	49.00
Sycamore	30	28	68	27	(2)	63	48	30.07	22.26	51.00
Tupelo	144	307	271	439	408	290	25.30	22.09	54.00	
Walnut	39	39	72	27	(2)	34	23	110.15	63.18	147.00
Yellow poplar	1,115	320	436	276	578	636	556	41.66	26.98	63.00
Other hardwood	209	59	120	75	385	167	151			

¹ Includes 298,000,000 board feet of lumber not reported by kind of wood. ² Not available.

³ Includes 165,305,000 board feet of softwood lumber and 7,605,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938.

⁴ Totals include species not shown separately. ⁵ Less than 500,000 board feet.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M13 G.

No. 780.—LUMBER PRODUCTION, BY REGIONS AND STATES: 1889 TO 1949

[See headnote, table 779 for explanation of lack of comparability of statistics. Data for Pacific and Rocky Mountain States may be considered complete for entire series. Data for all States may be considered comparable for 1946 and subsequent years]

[In millions of board feet]

REGION AND STATE	1889	1899	1909	1919	1929	1939 1	1946	1947	1949
United States	23,842	35,078	44,510	34,552	36,886	25,148	34,112	35,404	32,176
Northeastern States	4,726	5,709	5,197	2,584	1,232	1,140	2,163	2,324	1,900
Maine	597	785	1,112	596	268	215	411	459	(2)
New Hampshire	277	572	650	339	102	268	382	323	(2)
Vermont	384	376	352	218	120	126	216	204	236
Massachusetts	212	344	361	107	72	126	118	132	(2)
Connecticut	49	108	168	87	30	25	17	20	(2)
Rhode Island	8	10	25	11	7	12	3	3	(2)
New York	926	878	681	358	160	108	317	383	334
New Jersey	34	74	62	37	16	14	27	32	(2)
Pennsylvania	2,183	2,333	1,403	650	314	186	526	580	(2)
Maryland	82	184	268	113	55	51	117	154	(2)
Delaware	23	36	55	27	10	11	28	34	(2)
Central States	3,130	5,643	5,487	3,016	2,347	1,231	2,509	2,393	1,961
Ohio	565	900	543	280	176	111	247	265	(2)
Indiana	755	1,037	559	282	170	111	163	180	(2)
Illinois	222	388	170	65	38	27	93	100	(2)
Missouri	402	724	660	321	228	74	257	260	163
West Virginia	302	778	1,473	768	633	324	443	484	480
Kentucky	423	775	861	512	330	207	414	439	(2)
Tennessee	460	951	1,224	792	764	376	803	665	643
Southern States	3,718	8,404	14,796	12,704	12,484	7,549	10,083	9,397	7,358
Georgia	575	1,312	1,342	804	1,386	907	1,982	1,687	1,510
Florida	412	790	1,202	1,137	1,137	608	503	594	436
Alabama	580	1,101	1,891	1,799	2,059	1,412	2,158	1,705	1,297
Mississippi	454	1,206	2,573	2,390	2,669	1,201	1,559	1,397	872
Arkansas	538	1,624	2,111	1,772	1,348	1,110	1,245	1,285	(2)
Louisiana	304	1,115	3,552	3,164	2,232	1,036	1,066	1,269	910
Texas	843	1,232	2,099	1,380	1,452	1,137	1,343	1,347	1,122
Oklahoma	3	22	226	168	200	143	88	83	(2)
North Carolina Pine States	1,129	2,712	5,177	3,374	2,979	2,367	3,832	3,577	3,568
Virginia	416	959	2,102	1,098	708	679	1,217	1,166	1,033
North Carolina	515	1,287	2,178	1,654	1,202	1,042	1,614	1,540	1,730
South Carolina	190	406	898	622	1,008	646	1,001	871	804
Lake States	8,251	8,750	5,476	2,692	1,771	781	1,117	1,310	864
Michigan	4,300	3,018	1,890	876	571	333	620	580	(2)
Minnesota	1,084	2,342	1,562	700	367	111	205	244	(2)
Wisconsin	2,806	3,889	2,026	1,116	848	337	392	486	(2)
Pacific States	2,028	2,901	6,905	8,798	14,149	10,693	12,432	14,216	14,439
Washington	1,064	1,420	3,863	4,901	7,302	4,244	3,422	3,705	3,442
Oregon	446	735	1,899	2,577	4,784	4,765	6,328	7,102	7,185
California and Nevada	3,513	738	3,144	3,250	2,063	1,685	2,681	3,400	3,812
Rocky Mountain States	249	556	1,292	1,299	1,843	1,336	1,915	2,062	1,900
Montana	90	250	309	287	389	271	414	500	459
Idaho	28	65	646	765	1,029	675	864	951	926
Arizona	5	36	63	74	175	119	241	220	(2)
New Mexico	26	31	92	87	148	106	144	127	107
Colorado	80	134	142	65	72	84	189	145	135
Utah	14	18	13	12	5	15	50	38	(2)
Wyoming	6	17	29	9	26	65	64	81	(2)
All other	612	401	1,179	485	81	51	111	125	96
PERCENTAGE DISTRIBUTION									
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Northeastern States	19.8	16.3	11.7	7.5	3.3	4.5	6.3	6.6	5.9
Central States	13.1	16.1	12.3	8.7	6.4	4.9	7.4	6.8	6.1
Southern States	15.0	24.0	33.2	36.8	38.8	30.0	29.4	26.5	22.9
North Carolina Pine States	4.7	7.7	11.6	9.8	8.1	9.4	11.2	10.1	11.1
Lake States	84.6	24.9	12.3	7.8	4.8	3.1	3.3	3.7	2.7
Pacific States	8.5	8.3	15.5	25.5	38.4	42.5	36.4	40.1	44.9
Rocky Mountain States	1.0	1.6	2.9	3.8	5.0	5.3	5.6	5.8	6.2
All other	2.6	1.1	.4	.2	.2	.2	.3	.4	.3

¹ Includes 165,305,000 board feet of softwood lumber and 7,005,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938.

² Not available separately.

³ California only; for 1909 and 1919 Nevada included with "All other."

⁴ Includes Nevada.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M13G.

No. 781.—LUMBER AND SHINGLES—PRODUCTION, FOR ALASKA: 1899 TO 1949

YEAR	Number of mills reporting	LUMBER SAWED (IN FEET, B. M.)					Shingle (squares) ¹
		Total	Spruce	Hemlock	Cedar	All other	
1899	10	6,571	6,056	15	(2)	3,500	
1904	6	7,974	7,933		(2)	3,41	1,168
1919	22	21,673	21,182	491			
1923	20	36,076	33,504	2,266	(2)	3,306	2,840
1925	28	40,857	35,718	2,038	(2)	3,201	3,295
1927	21	41,395	34,571	6,291	(2)	3,533	4,535
1929	19	30,393	21,850	8,205	(2)	3,388	2,943
1931	16	16,555	12,001	4,189	(2)	3,255	1,063
1933	20	12,801	10,292	1,523	1,086		1,380
1935	20	23,499	14,769	8,009	658	3	2,182
1937	20	25,276	16,794	8,477	904	11	2,181
1939	24	25,885	18,162	6,071	1,595	57	2,471
1941	27	36,547	28,064	7,515	933	35	3,718
1943	20	62,603	48,633	13,355	603	12	1,117
1945	35	50,056	51,623	6,253	1,175		565
1949	42	57,508	47,487	8,710	1,298	13	2,432
1947	40	80,480	69,105	9,872	1,497	6	(2)
1940	69	48,541	39,024	8,047	6,870		(2)

¹ Reported in thousands for 1932 and prior years and converted on basis of 800 shingles to the square.² Included in "All other."³ Includes figures for cedar lumber.⁴ Data not published to avoid disclosing operations of individual establishments.⁵ Includes figures for birch.⁶ Not available.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M13G.

No. 782.—LATH AND SHINGLES—PRODUCTION BY STATES: 1943 TO 1947

[Lath in thousands and shingles in squares. See headnote, table 783]

STATE	LATH				SHINGLES ¹			
	1943	1945	1946	1947	1943	1945	1946	1947
Alabama	1,663	(2)	524	(2)	1,198	(2)	5,048	
Arkansas	2,548	(2)	300	(2)	726	(2)	56	(2)
California	10,185	5,651	12,172	14,379	45,090	39,328	130,691	162,116
Florida	5,943	(2)		(2)	6,215	(2)	284	(2)
Georgia			1,350		2,763	(2)	68	(2)
Idaho	19,741	17,192	16,999	19,969	15,975	24,522	42,849	66,370
Louisiana	10,853	(2)		(2)	3,228			
Maine	2,671	10,629	(2)	(2)	42,745	33,079	(2)	24,316
Michigan	2,789	(2)	(2)	(2)	12,928	(2)	(2)	(2)
Minnesota	1,818	5,543	(2)	(2)	714	(2)	(2)	(2)
Mississippi	4,715	(2)	300	(2)	115			
Montana	8,024	(2)	(2)	8,660	3,081	(2)	(2)	(2)
North Carolina	714	(2)	69	(2)	15,467	17,444	11,879	5,741
Oregon	43,420	25,304	46,701	61,439	656,329	686,337	804,950	918,700
South Carolina	264	(2)	40		6,379	(2)	1,535	(2)
Texas	10,181	(2)	6,123	(2)	5,065		1,956	465
Virginia	3,905	(2)	4,056	(2)	136	(2)		
Washington	44,951	20,284	37,071	48,318	2,003,178	2,288,219	2,460,731	2,752,648
West Virginia	444	(2)	(2)	(2)	188		(2)	
Wisconsin	9,864	(2)	(2)	7,423	9,504	(2)	(2)	4,130
All other	4,830	22,575	4,0287	36,900	5,937	17,884	2,695	19,093

¹ Includes data for shakes.² Included in "All other."³ Not available.⁴ Includes only Colorado, Montana, New Mexico, Oklahoma, South Dakota, Tennessee, Utah, and Wyoming. Other states not canvassed for lath and shingles production.

Source: Department of Commerce, Bureau of Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M13G.

No. 783.—LATH AND SHINGLES—PRODUCTION: 1899 TO 1949

[*Lath in thousands and shingles in squares.* Shingles reported in thousands prior to 1933 and converted to squares on basis of 800 shingles to square. See headnote, table 779 for explanation of lack of comparability of statistics. Data for shingles reasonably comparable over a period of years, because of complete enumeration of Red Cedar Shingle Industry, this industry's production comprising over 90 percent of total shingle production.]

YEAR (CALENDAR)	Lath	Shingles	YEAR (CALENDAR)	Lath	Shingles
1899	2,523,998	15,127,521	1937	830,085	15,640,792
1900	3,703,195	18,634,214	1938	583,777	16,319,236
1910	1,724,078	11,490,880	1939	562,207	15,500,242
1926	3,083,130	7,510,432	1940	523,428	16,126,230
1927	2,372,333	8,054,835			
1928	1,903,887	7,004,612	1941	521,406	15,957,040
1929	1,705,858	7,683,340	1942	306,059	15,266,873
1930	1,097,255	4,955,198	1943	189,612	13,736,961
1931	614,250	3,392,465	1944 ²	132,859	13,587,602
1932	408,089	2,630,125	1945	113,268	13,156,613
1933	408,192	3,662,250	1946 ³	135,602	13,402,012
1934	416,308	3,477,068	1947	197,078	13,953,488
1935	620,088	4,416,709	1948	(4)	8,421,883
1936	810,009	5,901,692	1840	(4)	8,088,058

¹ Includes data for shakes.

² Data incomplete since mills idle during war were not canvassed for 1944 production.

³ Incomplete; see table 782 for States canvassed.

⁴ Not available.

^b Red cedar shingles and shakes only; see headnote.

Source: Department of Commerce, Bureau of Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M13G.

No. 784.—COOPERAGE STOCK—PRODUCTION, BY KIND: 1909 TO 1947

[Staves and hoops in thousands; heading in thousand sets]

KIND	1909	1919	1927	1929	1931	1933	1935	1937	1939	1947 ¹
Staves:										
Tight	379,231	353,825	324,127	357,353	204,624	154,575	221,619	205,280	182,431	131,104
Slack	2,029,548	1,121,324	961,782	1,039,450	537,177	420,585	439,970	574,768	526,315	406,781
Heading:										
Tight	20,691	24,274	26,445	30,329	20,090	13,081	15,250	13,377	14,277	9,807
Slack	140,234	87,381	50,337	72,591	43,375	37,461	35,092	54,318	46,465	36,530
Hoops	375,793	140,772	134,596	133,054	94,311	61,161	51,818	68,152	32,209	10,457

¹ Excludes small amount produced in other than cooperage stock and cooperage industries.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service); reports of Census of Manufactures.

No. 785.—PULPWOOD, WOOD PULP, PAPER AND PAPERBOARD: 1899 TO 1950

[Cords of 128 cu. ft.; short tons of 2,000 lbs. See also *Historical Statistics*, series F 132-133]

YEAR	Pulpwood consumption	Wood-pulp production	Paper and paperboard production	YEAR.	Pulpwood consumption	Wood-pulp production	Paper and paperboard production
1899	1,956,310	1,179,525	2,167,503	1940	13,742,958	8,950,559	14,483,700
1904	3,050,717	1,021,768	3,106,096	1941	16,580,000	10,375,422	2,17,933,607
1909	4,001,607	2,495,523	4,216,708	1945	16,911,861	10,187,200	17,370,905
1914	4,470,763	2,893,150	5,270,047	1946	17,817,580	10,606,527	10,277,667
1919	5,477,832	3,617,052	6,098,530	1947	10,714,239	11,945,864	21,114,000
1925	6,093,821	3,962,217	9,182,204	1948	21,180,458	12,872,202	21,028,348
1930	7,195,624	4,630,308	10,109,140	1949	10,945,440	12,171,780	20,327,222
1935	7,028,274	4,925,069	10,479,065	1950 ^a	23,656,109	14,827,152	24,300,178

¹ Beginning 1940, data on a new basis, i. e., figures include data for 6 mills not classified as pulp producers before 1940. For same reason, an additional mill was included in 1941 and 2 more added in 1943. 1940 figure on old basis, 8,851,740 tons.

² Beginning 1941, data on a new basis, i. e., figures include data for 25 mills not previously classified as producers of paper and paperboard. 1941 figure on old basis, 17,093,002 tons.

^a Preliminary.

Source: Department of Commerce, Bureau of the Census. Published currently in Facts for Industry Series M14A.

No. 786.—PULPWOOD CONSUMPTION AND VENEER AND PLYWOOD LOG CONSUMPTION AND PRODUCTION, BY KIND OF WOOD: 1943 TO 1950

YEAR	PULPWOOD CONSUMPTION			VENEER AND PLYWOOD			
	Total	Softwood	Hardwood	Log consumption		Production	
				Softwood ¹	Hardwood	Softwood plywood ¹	Hardwood veneer and plywood
1943	Cords ² 315,644,500	Cords ² 13,477,074	Cords ² 1,287,983	M ft., log scale 659,479	M ft., log scale 934,860	M sq. ft., 36 in. equiv. 1,495,170	M sq. ft., surface meas. 11,082,411
1944	16,757,400	13,931,075	1,550,117	646,946	885,960	1,484,880	10,438,594
1945	16,011,861	14,519,870	2,391,091	545,762	—	1,222,382	—
1946	17,817,580	15,384,176	2,433,584	641,738	—	1,436,065	—
1947	19,714,220	17,021,974	2,692,265	750,633	—	1,700,446	—
1948	21,180,458	18,490,016	2,098,542	857,722	—	1,933,883	—
1949	10,945,440	17,330,495	2,614,045	906,709	—	1,976,640	—
1950 (prel.)	23,656,109	20,444,674	3,211,435	1,113,132	—	2,599,350	—

¹ Principally Douglas fir.

² Cords of 128 cu. ft. (rough wood basis).

³ Includes 641,838 cords of woods not classified by kind, and 237,605 cords of saw mill waste.

⁴ Includes 988,873 cords of woods not classified by kind, and 237,335 cords of saw mill waste.

Source: Department of Commerce, Bureau of the Census; Facts for Industry Series 16-3, M13B and M14A, and records.

No. 787.—WOOD PULP—PRODUCTION, BY STATES AND BY PROCESS: 1909 TO 1950

[Tons of 2,000 pounds]

STATE AND PROCESS	1909	1919	1929	1939	1947 1	1948 1	1949 1	1950 1
Total	2,495,523	3,517,952	4,862,885	6,993,334	11,945,864	12,872,292	12,171,786	14,827,152
Alabama	(2)	(2)	(2)	(2)	411,730			
Florida	(2)	(2)	(2)	449,162	783,258			
Louisiana	(2)	246,500	589,672	1,128,727				
Maine	620,705	916,764	981,433	941,273	1,287,075			
Michigan	64,369	106,194	178,015	200,325	232,078			
Minnesota	37,295	129,560	189,664	160,065	392,254			
Mississippi	(2)	(2)	(2)	(2)	476,264			
New Jersey	(2)	(2)	(2)	(2)	68,620			
New Hampshire	212,509	232,134	212,774	(2)	174,137	(2)	(2)	(2)
New York	670,534	811,958	682,988	480,652	646,955			
North Carolina	(2)	(2)	(2)	170,636	(2)			
Pennsylvania	135,525	216,886	213,083	193,968	288,757			
Vermont	(2)	(2)	(2)	(2)	(2)			
Virginia	48,041	206,050	402,929	630,384				
Washington	(2)	83,575	523,948	1,126,114	1,591,229			
Wisconsin	324,500	506,549	733,617	655,816	922,732			
Other States	372,346	515,632	714,723	1,633,132	2,062,055			
ALL PROCESSES								
Groundwood	1,170,266	1,518,820	1,637,663	1,444,875	2,049,814	2,175,107	1,060,496	2,220,795
Defibrated, exploded, asbestos fiber and similar grades 4								
Sulphite	1,017,631	1,449,820	1,681,511	1,946,452	2,705,962	2,811,216	2,530,284	2,855,825
Sulphate		120,378	918,084	2,962,657	5,350,710	6,013,696	5,977,281	7,508,376
Soda	298,626	411,693	520,720	441,665	491,580	509,864	492,194	522,990
Semi-chemical, off quality, screenings and misc.		47,223	104,908	197,785	558,516	617,738	573,705	744,547

¹ New basis, see table 785; 1950, preliminary.² Included in "Other States" to avoid disclosing data for individual establishments.³ Data by States not available.⁴ These processes represent recent developments; production for 1930 and earlier years only a small proportion of total.

Source: Department of Commerce Bureau of the Census; reports of Census of Manufactures; annual report, Census of Pulp Mills and of Paper and Paperboard Mills, Facts for Industry Series M14A and records.

No. 788.—WOOD PRODUCTS TREATED WITH PRESERVATIVES: 1909 TO 1950

[In thousands of cubic feet. See also *Historical Statistics*, series F 123-131]

PRODUCT	1909	1919	1930	1935	1940	1945	1948	1949	1950 1
Total	75,946	146,061	332,319	179,499	265,473	279,450	292,357	290,556	283,854
Crossties	62,079	112,704	189,801	103,500	128,000	140,206	123,476	120,076	109,483
Switch ties ²			14,623	7,836	8,859	9,000	11,566	10,863	8,974
Piles	4,422	9,169	17,027	8,575	15,000	20,525	10,685	10,994	12,106
Poles ³	600	6,661	75,258	35,703	74,129	74,391	97,558	106,159	105,641
Wood blocks	2,994	4,714	5,012	1,484	2,730	3,294	5,481	2,265	2,584
Cross arms	42	75	1,299	351	675	1,469	1,395	1,302	1,814
Construction timbers	5,286	12,062	19,013	15,683	12,496	9,803	5,618	6,442	5,667
Misc. material	464	676	10,284	6,207	22,024	10,803	36,588	32,365	37,496

¹ Preliminary, subject to revision.² Included in construction timbers prior to 1925.³ Includes both full-length pressure-treated poles and nonpressure (butt-treated) poles.

Source: Department of Agriculture, Forest Service (in cooperation with American Wood-Preservers' Association); annual report, Quantity of Wood Treated and Preservatives Used in the U. S.

No. 789.—PAPER AND BOARD—PRODUCTION BY TYPE: 1947 TO 1950

[Tons of 2,000 pounds. Production in 1948 and 1949 from special annual survey, in 1947 from Census of Manufactures, and in 1950 from monthly surveys]

TYPE OF PAPER	1947	1948	1949	1950 ¹
All types	21,114,000	21,928,348	20,327,222	24,300,178
Paper, total	9,415,909	9,805,347	9,200,393	10,679,329
Newsprint	833,038	875,760	917,778	1,017,322
Groundwood printing and specialty paper, uncoated, total	821,318	771,860	674,542	604,146
Printing	546,008	537,575	484,783	488,583
Converting	240,024	208,960	161,840	174,337
Other	34,386	30,306	27,919	31,226
Printing and converting paper, paper machine coated, total	626,909	708,407	911,878	1,014,516
Coated on one side	35,875	52,707	124,413	(2)
Coated on two sides	591,124	745,700	787,465	(2)
Book paper, uncoated, total	1,580,924	1,580,742	1,395,755	1,577,385
Printing	1,069,571	1,081,237	940,694	1,012,314
Converting	493,368	481,499	442,569	550,832
Other	12,085	18,006	12,492	14,239
Fine paper, total	1,171,539	1,140,859	1,014,954	1,222,037
Writing, total	918,349	908,901	806,133	966,707
Rag (including index)	174,110	130,361	119,819	140,032
Chemical wood pulp	744,239	778,540	680,314	817,675
Cover and text	93,178	71,744	62,732	62,175
Bristols (except rag index)	86,801	88,138	79,593	87,287
Thin	73,211	72,078	62,815	81,032
Other			(2)	3,681
Coarse paper, total	2,903,450	3,027,008	2,764,917	3,883,400
Glassine, greaseproof and vegetable parchment	156,310	135,291	125,430	148,375
Wrapping, total	667,028	731,843	712,386	603,244
Unbleached kraft	346,026	370,385	398,193	478,505
Other	321,002	361,458	314,193	384,739
Bag, total	539,864	680,044	680,226	758,057
Unbleached kraft	496,665	653,046	651,710	694,607
Other	44,199	32,098	34,516	64,390
Shipping sack	670,889	616,776	503,741	668,453
Converting, total	869,350	857,144	737,134	944,371
Unbleached kraft	598,220	587,876	475,765	642,399
Other	271,130	269,208	261,309	401,972
Special industrial	289,400	315,539	260,621	315,905
Sanitary	894,032	982,692	1,006,168	1,108,021
Tissue	194,624	205,095	186,067	240,604
Absorbent	100,486	107,305	86,113	105,393
Paperboard, total	9,186,810	9,370,047	8,992,964	10,803,968
Liners	3,203,234	3,430,305	3,120,262	3,680,672
Corrugating material	1,370,492	1,372,601	1,306,968	1,636,430
Container chip and filler board	279,968	269,038	244,924	320,331
Folding boxboard (for use in folding box plants only)	2,256,601	2,199,608	2,084,415	2,363,010
Set-up boxboard (for use in set-up box plants only)	594,755	596,190	617,240	641,346
Cardboard	91,858	86,791	83,204	77,322
All other paperboard	1,299,812	1,408,529	1,527,042	2,070,858
Wet machine board, total	149,800	134,285	124,511	143,891
Shoe board	55,195	51,077	43,316	45,144
Binder board	52,506	39,146	36,477	41,514
Other	42,000	44,002	44,718	57,233
Construction paper materials, total	2,361,481	2,618,669	2,000,354	2,672,990
Building paper (including flexible fibre insulation)	1,289,109	1,348,321	1,161,025	1,414,370
Building board	1,072,372	1,270,348	838,729	1,258,620

¹ Preliminary.² Not available.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and annual report, Census of Pulp Mills and of Paper and Paperboard Mills, Facts for Industry Series M14A.

No. 790.—TURPENTINE AND ROSIN—PRODUCTION, 1899 TO 1950, AND BY STATES, 1946 TO 1950

See also *Historical Statistics*, series F 137-142 where source of figures for 1898-1932 are from *Gamble's International Naval Stores Year Book* and differ from census figures in this table]

YEAR ¹	TURPENTINE (BARRELS OF 50 GALLONS)			ROSIN (DRUMS 520 LBS. NET)		
	Total	From gum ²	From wood ³	Total	From gum ²	From wood ³
1899	754,670	754,670	(4)	1,947,946	1,947,946	(4)
1904	622,585	618,741	8,844	1,571,739	1,571,739	(4)
1909	594,283	570,779	14,137	1,462,208	1,462,208	(4)
1914	552,970	539,620	11,511	1,319,328	1,292,514	23,218
1919	384,563	355,877	30,087	1,015,774	910,928	104,846
1929-30	718,802	626,417	92,385	1,063,349	1,580,505	382,844
1932-33	575,181	501,000	74,131	1,658,664	1,362,720	295,944
1933-34	624,761	526,000	98,761	1,837,870	1,430,448	407,422
1934-35	603,093	510,000	93,093	1,783,298	1,387,200	396,098
1935-36	602,908	497,000	105,908	1,821,193	1,360,950	460,243
1936-37	634,520	482,787	151,738	1,865,569	1,286,347	579,222
1937-38	700,331	518,454	181,877	2,049,573	1,388,343	661,230
1938-39	700,218	534,291	174,027	2,089,913	1,466,344	623,569
1939-40	604,778	382,781	221,997	1,835,177	1,054,236	750,941
1940-41	560,341	343,938	222,403	1,717,492	938,911	778,581
1941-42	548,796	285,050	263,746	1,708,474	791,710	916,764
1942-43	560,351	321,930	238,421	1,655,803	868,698	787,105
1943-44	508,432	288,382	220,050	1,462,831	783,565	679,206
1944-45	471,243	245,194	226,049	1,317,912	692,212	625,700
1945-46	488,181	244,282	243,879	1,452,036	694,476	757,560
1946-47	569,985	270,286	209,699	1,720,248	752,535	967,713
1947-48	640,903	294,028	346,875	1,990,821	825,128	1,162,703
1948-49	659,140	324,380	334,810	2,076,110	921,220	1,164,890
1949-50	673,290	323,010	350,280	2,023,510	924,900	1,098,610

STATE	PRODUCTION FROM CRUDE GUM ¹				Rosin (drums 520 lbs. net) ²			
	Turpentine (barrels of 50 gallons)				Rosin (drums 520 lbs. net) ²			
	1946-47	1947-48	1948-49	1949-50	1946-47	1947-48	1948-49	1949-50
Alabama	10,682	20,219	21,860	19,600	20,391	56,841	61,438	56,283
Florida	57,800	66,871	59,300	59,030	158,100	184,527	167,809	168,849
Georgia	197,000	205,000	241,370	242,110	542,364	575,001	682,241	691,080
Mississippi	2,705	734			7,664	1,648		
Louisiana	877	1,166	1,800	2,270	2,381	3,295	5,502	6,450
South Carolina	1,127	978			3,125	2,471		

¹ Figures for turpentine and rosin from crude gum, beginning 1929-30, and from wood beginning 1933-34, relate to crop year ended Mar. 31. All other figures relate to calendar years.

² Figures compiled from data reported by establishments in turpentine and rosin industry.

³ Figures compiled from data reported by establishments in Wood-Distillation industry.

⁴ Not reported.

⁵ Includes, for 1909 and 1914, 306 barrels and 1,848 barrels respectively, of turpentine and, for 1914, 3,596 drums of rosin, reported by establishments engaged in manufacture of lumber and timber products.

⁶ Estimated by J. E. Lockwood; complete data not available. Figures include estimates of rosin produced from reclaimed gum, as follows: 1932-33, 26,720 drums; 1933-34, 28,048; 1934-35, 27,200.

⁷ Includes estimates by J. E. Lockwood for production of turpentine from steam-distilled wood.

⁸ Includes data for rosin produced from reclaimed gum: For 1935-36, 43,350 drums; 1936-37, 34,155; 1937-38, 21,017; 1938-39, 31,983; 1939-40, 31,414; 1940-41, 20,181; 1941-42, 19,765; 1942-43, 11,297; 1943-44, 9,824; 1944-45, 8,066; 1945-46, 8,538; 1946-47, 8,449; 1947-48, 4,346; 1948-49, 4,230; 1949-50, 2,230.

⁹ Figures do not include rosin produced from reclaimed gum. See note 8.

Source: Figures for 1899 to 1932, Department of Commerce, Bureau of the Census; reports of Census of Manufactures. Figures for 1933 and subsequent years, Department of Agriculture, Bureau of Agricultural and Industrial Chemistry; Naval Stores Report on Turpentine and Rosin.

27. Fisheries

The Fish and Wildlife Service, Branch of Commercial Fisheries in the Department of the Interior, conducts annual surveys for various statistical information on the fishery industries. These data are published in greater detail in publications of the Service and include data on the volume of the catch of individual species of fish and shellfish and their value, employment in the fisheries, quantity of gear operated, the number of fishing and transporting craft employed in the capture and transporting of fishery products, employment in wholesale and manufacturing establishments, and volume and value of the production of manufactured fishery products. In addition to the basic statistics on employment, yield, and the production of manufactured fishery products for individual States and various geographical sections, there are included in reports data on imports and exports of fishery commodities; landings by fishing craft at Boston, Gloucester, New Bedford, and on Cape Cod, Massachusetts; at Maine ports; and Seattle, Washington; shad fisheries of the Hudson and Potomac Rivers; alewife fishery in the Potomac; seed oyster fisheries; a review of the Pacific Coast halibut fishery; a statement on whaling operations by United States firms; data on the sponge fishery; and lists of firms producing various manufactured fishery products. These data are summarized in the *Statistical Abstract*. The more detailed information may be obtained from the Fish and Wildlife Service, Washington 25, D. C.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series F 166-192") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 791.—FISHERIES—SUMMARY OF TOTAL CATCH AND VALUE: 1930 TO 1950

[Includes Alaska beginning with 1941, data partly estimated. See also *Historical Statistics*, series F 155]

YEAR	Quantity (1,000 pounds)	Value to fishermen (1,000 dollars)	YEAR	Quantity (1,000 pounds)	Value to fishermen (1,000 dollars)
1930	3,286,580	109,340	1943	4,202,281	204,029
1932	2,684,704	55,532	1944	4,500,000	213,000
1937	4,352,549	100,846	1945	4,575,500	200,900
1938	4,253,445	93,547	1946	4,455,600	310,000
1939	4,443,328	96,532	1947	4,344,000	307,600
1940	4,059,524	98,957	1948	4,575,000	367,000
1941	5,080,341	134,172	1949 (prel.)	4,750,000	325,000
1942	3,876,524	170,338	1950 (prel.)	4,600,000	365,000

No. 792.—FISHERIES—CATCH, BY SECTIONS

[See also *Historical Statistics*, series F 166-192, for data on quantity of catch]

SECTION	Year	Fishermen	Fishing vessels	Fishing boats	CATCH	
					Quantity	Value to fishermen
New England States	1948	24,874	940	13,176	1,000 pounds	1,000 dollars
Middle Atlantic States	1948	15,662	629	7,106	997,880	67,988,0
Chesapeake Bay States	1948	19,090	466	13,687	500,992	28,642,0
South Atlantic and Gulf States	1945	129,097	1,1,735	10,371	746,027	27,604,2
Pacific Coast States	1948	230,373	2,714	2,7,654	1,135,148	54,330,0
Great Lakes States	1948	3,5,142	3,490	3,1,735	88,089	114,018,2
Mississippi River States	1931	15,884	-----	14,516	82,382	12,680,6
Alaska	1948	12,371	1,740	4,442	566,900	2,807,3

¹ Data for Florida for 1940.

² Data for California for 1947.

³ Data for 1940.

Source of tables 701 and 702: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 793.—FISHERIES—QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES:
1880 TO 1948

[Values represent the value of fish to fishermen]

CALENDAR YEAR	NEW ENGLAND STATES									
	Total		Maine		New Hampshire					
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars				
1880										
1902	534,075	12,503.0	242,390	2,742.6	1,503	170.6				
1908	530,029	12,406.3	215,389	2,018.8	677	50.8				
1919	467,340	15,139.0	173,843	3,287.0	529	53.0				
1920	604,286	20,072.5	162,939	4,807.2	378	92.7				
1930	701,351	27,493.5	143,824	4,329.4	1,069	69.1				
1935	655,430	17,988.6	112,219	3,309.2	354	61.6				
1940	626,054	20,493.7	88,088	2,606.4	788	105.2				
1945	845,471	56,589.0	184,425	12,499.1	1,549	487.7				
1946	805,563	62,071.9	195,955	14,142.0	1,1549	1,487.7				
1947	802,593	56,179.3	220,868	12,870.0	707	285.4				
1948	997,880	67,688.0	303,504	10,077.0	530	256.2				
	Massachusetts		Rhode Island		Connecticut					
1880		7,059.8		606.8						933.2
1902	230,646	6,482.4	21,614	1,155.7	37,832	1,700.4				
1908	244,313	7,095.0	44,254	1,752.0	66,942	2,982.0				
1919	246,951	10,859.7	48,251	3,206.6	23,653	1,700.8				
1920	447,689	18,052.5	28,401	2,435.3	54,879	3,035.4				
1930	442,474	16,289.1	25,972	2,287.3	88,012	4,518.6				
1935	503,417	12,147.9	24,524	1,247.9	14,916	1,217.0				
1940	510,938	15,755.8	12,080	966.2	14,180	1,060.2				
1945	626,878	30,043.3	20,625	2,376.9	13,094	1,582.0				
1946	572,936	43,264.4	18,029	2,533.7	16,194	1,644.1				
1947	543,110	38,763.6	21,436	2,452.7	16,472	1,854.6				
1948	649,196	46,665.4	26,446	8,239.5	18,205	1,749.8				
	MIDDLE ATLANTIC STATES									
CALENDAR YEAR	Total		New York		New Jersey		Pennsylvania		Delaware	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	408,202	8,677.0	329,453	4,225.7	65,151	3,176.6	1,080	277.0	11,918	907.7
1901	357,888	9,104.7	228,092	3,894.3	117,031	4,755.5	6,030	251.5	5,835	203.4
1908	221,450	8,280.0	71,474	4,300.0	74,827	3,069.0	4,380	280.0	70,769	541.0
1921	332,932	11,667.4	210,377	4,986.9	96,937	5,983.4	595	44.6	2,028	652.4
1930	193,868	13,063.7	45,496	4,933.7	97,275	7,474.4	17	2.8	51,081	652.8
1935	279,438	6,415.7	84,939	3,135.4	107,802	2,844.3	31	5.7	86,666	430.4
1940	355,553	7,651.0	91,959	4,216.2	160,554	2,956.0	23	2.4	103,017	474.4
1945	494,193	23,224.2	117,548	10,052.7	207,647	11,062.5			168,998	2,109.0
1946	141,058	14,126.9	141,058	14,126.0						
1947	632,405	28,425.1	136,902	13,204.3	240,002	9,783.1				
1948	500,992	28,642.0	129,707	14,222.4	216,803	10,871.7				
	CHESAPEAKE BAY STATES									
CALENDAR YEAR	Total		Maryland		Virginia					
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880										
1901	254,587	8,346.2	95,713	5,221.7	158,875	3,124.4				
1908	461,159	9,380.8	82,075	3,767.5	378,183	4,613.4				
1920	426,311	8,022.0	113,798	3,306.0	312,615	4,716.0				
1930	530,750	12,740.4	59,531	4,198.7	471,219	8,541.7				
1935	310,393	11,472.0	71,099	3,984.7	245,204	7,487.3				
1940	265,827	5,524.5	48,235	2,003.6	217,502	3,520.9				
1945	320,736	7,456.4	51,085	2,598.6	260,651	4,857.9				
1946	304,463	30,363.2	51,676	8,844.9	252,787	21,518.3				
1947	350,946	27,198.8	60,110	8,636.5	209,838	18,562.3				
1948	408,015	28,332.0	59,712	8,134.3	348,303	20,198.3				
			54,213	8,220.0	310,123	19,384.2				
	SOUTH ATLANTIC STATES									
CALENDAR YEAR	Total		North Carolina		South Carolina		Georgia		Florida (east coast only)	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880										
1902	42,052	1,256.6	32,249	845.7	6,143	2,272	120.0	2,287	78.4	
1908	106,446	2,839.6	67,585	1,739.0	8,174	2,630.0	11,103	359.1	19,584	477.9
1918	166,875	4,034.0	101,422	1,776.0	14,104	288.0	14,828	701.0	36,521	1,269.0
1928	332,614	5,348.6	210,502	2,978.7	8,747	207.7	37,154	416.0	81,211	1,748.2
1934	262,118	6,196.2	141,899	2,620.2	7,432	316.8	42,069	806.3	70,718	2,383.9
1940	261,080	3,624.1	163,462	1,672.2	5,891	225.3	27,141	359.5	64,586	1,367.1
1945	325,615	4,064.1	170,581	1,864.9	9,446	265.8	12,672	380.6	132,816	1,553.1
			10,855	899.3	21,398	1,349.5	174,524	7,388.1		

1 Data are for 1945.

No. 793.—FISHERIES—QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES: 1880 to 1948—Continued

CALENDAR YEAR	GULF STATES							
	Total		Florida (west coast only)		Alabama			
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	23, 561	1, 227.5	8, 376	664.8	8, 542	119.3		
1902	113, 697	3, 404.2	48, 120	1, 462.2	9, 351	266.7		
1908	118, 274	4, 860.0	37, 566	2, 120.0	10, 865	387.0		
1918	130, 924	6, 510.3	54, 754	3, 420.4	5, 600	230.6		
1928	191, 007	9, 866.3	61, 121	3, 866.5	14, 466	586.8		
1930	141, 958	6, 704.9	53, 525	3, 001.4	7, 113	315.5		
1934	180, 834	6, 369.6	54, 215	2, 267.6	7, 964	253.4		
1940	250, 018	10, 550.8	54, 676	3, 451.6	11, 344	561.9		
1945	341, 081	39, 197.4	69, 322	11, 447.9	15, 137	2, 443.3		
1948					12, 556	2, 157.3		
CALENDAR YEAR	Mississippi		Louisiana		Texas			
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
	788	22.5	6, 996	392.6	3, 859	128.3		
1880	23, 427	553.2	24, 754	858.3	8, 044	353.8		
1902	17, 302	450.0	42, 302	1, 448.0	10, 439	446.0		
1908	20, 592	762.8	24, 954	1, 419.4	25, 015	677.2		
1918	30, 701	1, 060.1	69, 507	3, 477.9	15, 212	875.0		
1928	15, 736	740.1	40, 886	1, 060.4	15, 693	777.5		
1930	22, 153	662.8	76, 638	2, 284.6	25, 869	911.7		
1934	38, 002	623.1	126, 627	4, 951.5	19, 869	992.7		
1940	70, 787	1, 711.4	163, 902	20, 485.7	21, 933	3, 109.1		
1945	80, 450	2, 558.6	209, 108	24, 382.0	55, 580	6, 145.0		
CALENDAR YEAR	PACIFIC COAST STATES							
	Total		Washington		Oregon		California	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1888	87, 043	4, 010.0	20, 468	811.0	26, 048	734.0	40, 527	2, 465.0
1890	206, 911	6, 278.6	119, 340	2, 871.4	22, 753	855.7	64, 819	2, 551.5
1908	193, 056	6, 839.0	111, 350	3, 515.0	28, 221	1, 350.0	58, 479	1, 970.0
1915	304, 706	9, 300.6	170, 594	5, 321.0	34, 693	1, 479.0	99, 509	2, 506.0
1925	627, 025	24, 580.5	139, 457	9, 476.4	40, 008	3, 442.4	447, 560	11, 661.7
1930	833, 339	23, 064.1	110, 039	8, 334.6	26, 459	2, 256.3	696, 801	12, 473.0
1935	1, 676, 236	23, 088.8	124, 086	6, 328.7	85, 392	2, 076.8	1, 466, 758	648, 710
1940	1, 456, 281	29, 578.0	111, 632	6, 676.3	54, 203	2, 741.8	1, 290, 446	20, 150.9
1945	1, 428, 278	62, 694.3	136, 136	18, 154.6	72, 774	5, 507.3	1, 156, 369	37, 032.4
1946	1, 161, 882	76, 020.9	182, 794	23, 636.8	74, 299	7, 701.1	904, 789	44, 683.0
1947	1, 043, 024	98, 766.1	172, 908	23, 806.9	78, 680	8, 766.6	791, 436	60, 192.6
1948	1, 135, 149	114, 018.2	151, 694	22, 572.9	87, 962	11, 461.8	805, 493	566, 900
CALENDAR YEAR	GREAT LAKES ²							
	Total ³		Lake Superior		Lake Michigan		Lake Huron	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1885	99, 842	2, 691.9	8, 826	291.5	23, 518	878.8	11, 457	276.4
1890	113, 727	2, 011.4	5, 430	150.9	34, 500	876.7	12, 418	308.1
1908	106, 631	3, 768.0	10, 198	342.0	40, 019	1, 554.0	12, 932	486.0
1917	104, 269	6, 295.0	15, 447	726.7	35, 461	2, 270.9	13, 363	857.5
1927	81, 327	6, 794.9	15, 302	918.1	23, 681	2, 354.8	15, 711	1, 444.4
1930	94, 948	6, 050.3	14, 694	695.3	30, 973	2, 159.0	16, 377	1, 310.9
1935	90, 223	5, 944.0	17, 874	940.6	25, 080	1, 042.6	13, 676	1, 224.1
1940	79, 296	5, 623.4	20, 672	904.4	22, 814	2, 049.5	9, 099	679.9
1945	78, 643	13, 800.1	18, 725	2, 574.0	22, 000	5, 570.9	7, 475	1, 129.0
1946	78, 334	11, 677.9	17, 848	2, 218.9	22, 392	3, 907.4	7, 147	842.2
1947	69, 801	10, 736.9	14, 987	1, 673.6	23, 958	3, 875.8	8, 034	1, 153.2
1948	83, 959	12, 689.6	19, 221	2, 347.0	27, 023	4, 596.0	8, 836	1, 361.0

² Collected for most part by State fishery agencies and compiled by Fish and Wildlife Service since 1927.³ Includes, in addition to lakes shown, small amounts for Lake Ontario and also prior to 1927, Lake St. Clair and St. Clair and Detroit Rivers and beginning 1927, Lake-of-the-Woods, Namakan Lake, and Rainy Lake.

No. 793.—FISHERIES—QUANTITY AND VALUE OF CATCH, BY SECTIONS AND STATES:
1880 TO 1948—Continued

MISSISSIPPI RIVER AND TRIBUTARIES								
CALENDAR YEAR	Total		TRIBUTARY	1922		1931		
	1,000 pounds	1,000 dollars		1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	
1894	1,000 pounds	1,000 dollars	Arkansas.....	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	
1899 ⁴	44,545	1,384.6	Atchafalaya.....	2,034	136.3	4,777	449.9	
1903 ⁴	96,797	1,791.0	Cumberland.....	4,579	254.7	9,231	523.1	
1908 ⁴	93,374	1,841.2	Illinois ⁵	728	14.7	106	13.0	
1922	148,284	3,125.0	Missouri ⁶	12,661	617.3	5,985	150.7	
1931	105,734	4,503.5	Ohio River and minor tributaries.....	1,232	105.2	1,051	94.3	
	82,382	2,897.3	Red ⁵	7,458	379.1	1,221	96.5	
			St. Francis ⁵	6,677	324.5	6,417	277.4	
			Tennessee ⁵	3,684	108.9	2,173		
			Wabash ⁵	4,990	98.3	5,222	75.0	
			White (Missouri and Ar- Kansas) ⁵	12,063	357.8	8,388	162.0	
			Yazoo.....	14,662	405.9	12,363	256.7	
				1,022	55.6	\$ 1,311	\$ 57.8	
1894	21,242	587.8						
1899	68,604	828.0						
1903	53,851	1,157.4						
1922	33,945	1,645.3						
1931	28,139	1,076.3						

⁴ Excluding Atchafalaya River. ⁵ Including tributaries.

No. 794.—FISHERIES—CATCH OF PRINCIPAL SPECIES: 1931 TO 1949

[In thousands of pounds. Includes Alaska]

GROUP AND SPECIES	1931	1939	1943	1944	1945	1946	1947	1948	1949 ¹
FISH									
Cod.....	112,303	124,347	71,643	(*)	159,027	103,200	72,382	80,008	65,000
Haddock.....	195,419	178,524	125,693	140,566	154,988	165,035	166,371	156,375	135,000
Herring, sea.....	169,574	202,810	164,546	(*)	236,919	283,911	320,022	377,133	190,000
Mackerel.....	61,646	113,503	134,308	(*)	112,390	105,956	105,281	90,447	(2)
Menhaden.....	230,398	575,480	615,564	685,980	778,404	851,129	1,007,981	990,712	1,070,000
Pilchard or sardine.....	300,204	1,240,075	986,563	1,135,582	849,971	530,994	272,236	373,159	640,000
Salmon.....	601,096	526,978	500,613	430,997	498,892	478,257	498,048	402,750	460,000
Tuna and tunalike.....	60,059	182,165	180,043	170,053	185,925	222,178	269,608	328,872	332,000
Ocean perch.....	237	78,206	114,744	(*)	131,834	178,162	146,587	238,096	188,000
SHELLFISH									
Crabs.....	83,701	109,414	(*)	(*)	121,050	(*)	(*)	(*)	(*)
Shrimp.....	99,432	160,250	(2)	(2)	101,315	(2)	(2)	(2)	(2)
Oysters.....	101,036	93,006	(*)	(2)	75,655	(2)	(2)	(2)	(2)
Whale products.....		5,159	496	99			820	1,178	(2)

¹ Preliminary.

² Complete data not available.

No. 795.—FISHERIES—DISPOSITION OF DOMESTIC CATCH: 1944 TO 1950

Includes Alaska. A large portion of waste derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in addition to whole fish used in manufacture of these products. About 600,000,000 pounds of waste were used in production of meal and oil each year shown. See also *Historical Statistics*, series F 155-159.]

FORM MARKETED	ROUND WEIGHT OF CATCH (millions of pounds)						
	1944	1945	1946	1947	1948 ¹	1949 ¹	1950 ¹
Total.....	4,500	4,576	4,456	4,344	4,575	4,750	4,900
Fresh and frozen.....	1,585	1,847	1,711	1,545	1,668	1,611	1,654
Canned.....	1,225	1,230	1,220	1,884	1,459	1,626	1,774
Cured.....	110	110	115	100	100	95	100
Byproducts, bait, etc.....	1,580	1,389	1,410	1,315	1,348	1,418	1,372

¹ Preliminary.

Source of tables 793, 794, and 795: Department of the Interior, Fish and Wildlife Service; annual bulletins.

NO. 796.—LANDINGS BY FISHING CRAFT AT PRINCIPAL ATLANTIC PORTS: 1944 TO 1950

[See also *Historical Statistics*, series F 193, 195]

PORT AND YEAR	Total, all species	Cod	Had- dock	Hake	Po- llock	Cusk	Whit- ing	Mack- erel	Rose- fish	Floun- ders	Miscel- laneous
Quantity (thousands of pounds)											
Boston:											
1944	163,123	43,103	73,692	1,669	6,083	877	5,295	14,274	2,033	4,163	1,020
1945	188,161	72,895	66,354	1,123	10,300	281	9,958	17,725	1,377	6,908	1,240
1946	158,595	35,722	71,473	2,263	13,077	411	6,776	14,139	5,219	8,047	1,468
1947	202,663	34,409	107,465	3,536	8,031	572	10,231	13,321	10,520	11,581	2,981
1948	199,980	34,710	105,308	3,462	17,684	1,077	11,428	3,473	11,353	9,153	2,302
1949	172,470	28,645	90,146	3,292	13,186	1,197	12,004	709	12,113	8,107	2,081
1950	172,033	24,360	107,379	2,065	9,886	1,263	4,887	1,051	7,740	10,028	2,430
Gloucester:											
1944	192,710	19,965	16,166	5,103	10,141	680	9,850	33,545	91,582	4,216	1,382
1945	213,498	25,797	21,786	11,544	16,792	773	10,830	11,890	102,038	4,830	2,218
1946	217,968	16,805	16,188	4,286	18,303	844	8,857	15,498	130,900	3,080	2,115
1947	103,713	8,276	12,092	2,524	5,509	487	9,120	24,011	95,357	2,115	3,650
1948	251,113	7,697	11,162	3,323	9,205	793	13,693	19,886	176,801	2,737	5,816
1949	260,010	6,076	8,516	2,768	6,147	777	19,442	6,876	169,281	7,648	22,484
1950	195,931	5,099	9,083	4,162	5,837	673	16,981	5,669	120,201	7,444	18,892
New Bedford:											
1944	74,936	8,211	22,466	2,174	223	(1)	135	6,106	7	27,580	7,944
1945	101,363	10,768	34,427	5,913	1,131	2	101	12,070	15	28,799	8,131
1946	90,324	11,568	33,020	323	1,394	2	8	2,252	195	31,364	10,198
1947	73,115	3,914	16,389	2,520	123	1	355	4,466	498	34,499	11,360
1948	77,572	6,330	11,410	4,345	380	3	60	1,683	350	40,958	12,053
1949	105,694	4,080	9,023	39,823	200	3	24	342	80	33,918	17,301
1950	116,911	5,110	11,514	97	207	6	85	258	474	29,412	60,743
Provincetown and Cape Cod:											
1945	43,418	3,615	4,420	537	685	85	10,243	4,262	53	5,005	4,018
1946	40,970	3,765	5,558	477	1,249	56	14,520	4,808	764	6,512	4,201
1947	34,566	3,006	3,251	536	684	52	14,422	2,580	216	5,183	4,780
1948	44,456	2,767	2,340	362	457	72	16,766	8,897	517	4,313	7,964
1949	35,751	2,645	2,091	82	174	24	13,054	5,244	8	4,299	8,130
1950	37,760	3,034	2,555	360	384	39	11,618	2,370	7	5,012	11,473
New York City:											
1944	19,143	1,505	7,467	173	94	-----	226	365	-----	3,587	5,740
1945	16,506	1,006	7,788	232	142	-----	227	91	-----	3,517	3,503
1946	18,015	1,480	7,590	109	149	(1)	98	375	-----	3,270	4,908
1947	10,778	740	4,111	109	58	-----	31	210	-----	2,358	3,183
1948	13,998	802	1,773	77	81	-----	58	58	-----	3,042	8,165
Value (thousands of dollars)											
Boston:											
1944	10,685.4	2,983.0	5,634.5	112.7	381.1	56.6	215.4	799.7	84.0	296.6	120.0
1945	13,780.6	5,108.8	5,224.7	81.0	622.6	10.0	440.4	1,563.5	55.4	430.3	144.0
1946	13,725.3	2,785.4	7,302.9	156.6	504.2	25.3	384.5	1,108.6	237.7	607.5	482.5
1947	14,973.4	2,344.9	8,547.6	223.5	368.9	33.4	484.7	738.7	478.3	1,035.8	722.6
1948	16,182.5	2,680.7	9,765.8	246.6	704.1	62.5	501.8	256.8	497.6	907.3	460.3
1949	12,187	2,013	7,233	216	472	57	627	81	408	739	351
1950	13,557	1,787	9,180	191	451	62	199	107	326	924	330
Gloucester:											
1944	9,200.5	1,302.6	1,216.1	256.4	507.8	41.0	388.7	1,493.3	3,560.8	279.1	165.7
1945	11,183.9	1,813.3	1,744.5	401.8	832.8	46.5	742.5	925.2	3,956.8	311.5	409.0
1946	10,822.3	1,149.8	1,260.8	200.2	714.2	46.1	374.5	758.7	5,839.6	251.1	235.4
1947	7,636.0	433.9	881.0	93.4	205.3	17.7	371.8	1,121.3	4,199.7	114.4	107.5
1948	11,234.9	454.9	805.7	138.9	329.6	33.8	577.1	1,038.6	7,405.7	184.4	261.2
1949	10,456	391	647	113	155	24	718	362	7,304	447	395
1950	9,061	368	792	131	184	21	567	438	5,692	539	330
New Bedford:											
1944	6,231.1	576.7	1,682.4	53.2	11.3	(1)	4.9	313.1	(1)	2,026.4	1,613.1
1945	8,600.8	775.5	2,664.6	122.3	72.1	(1)	3.7	1,032.8	.6	2,302.0	1,637.2
1946	12,241.4	930.4	2,961.2	21.1	84.1	(1)	(1)	177.4	8.6	2,874.3	5,194.0
1947	10,417.3	279.7	1,155.3	37.0	4.7	(1)	7.2	198.7	14.5	3,347.5	5,372.8
1948	11,772.5	459.0	1,000.0	61.2	15.0	(1)	.9	127.9	14.3	4,605.3	5,488.0
1949	9,671	280	728	343	5	-----	1	20	3	3,824	4,467
1950	11,343	369	991	4	8	-----	1	40	17	3,724	6,189
Provincetown and Cape Cod:											
1945	2,294.6	260.5	320.1	34.7	30.8	5.0	625.0	284.3	2.1	430.8	401.3
1946	2,399.7	310.6	462.0	24.9	56.0	2.3	337.4	300.1	32.5	418.1	395.8
1947	2,432.2	235.6	251.0	22.0	24.3	1.4	335.0	159.0	7.9	449.9	444.3
1948	3,332.9	230.3	213.4	15.9	19.4	2.3	396.3	933.4	17.6	479.4	1,024.9
1949	2,480	188	170	4	6	-----	328	556	-----	408	800
1950	2,560	230	232	8	14	1	289	194	677	-----	915

¹ Less than 500 pounds or \$500.

Source: Department of Interior, Fish and Wildlife Service; annual bulletins.

NO. 797.—CANNED FISHERY PRODUCTS, FISH MEAL, AND FISH OIL—PRODUCTION AND VALUE: 1938 TO 1949

[Includes Alaska]

YEAR	Canned		Scrap and meal		Oil (except vitamin)		Vitamin oil
	1,000 pounds	1,000 dollars	Tons	1,000 dollars	1,000 gallons	1,000 dollars	1,000 dollars
1938	645,156	83,446	205,216	7,418	30,445	9,876	2,476
1939	683,279	96,628	226,102	9,094	29,069	8,601	4,472
1940	675,661	94,182	193,244	7,834	18,250	5,632	5,088
1941	880,745	135,684	236,844	13,096	22,016	11,893	14,872
1942	656,907	144,997	171,980	11,620	16,540	12,518	10,372
1943	617,910	141,180	190,403	13,620	22,204	14,071	14,842
1944	658,660	152,914	212,000	15,200	27,324	17,771	13,237
1945	646,355	152,801	200,675	14,405	23,698	16,034	11,202
1946	699,378	227,620	199,621	20,430	19,135	21,223	13,619
1947	754,129	310,679	185,807	22,353	15,900	20,107	11,643
1948	782,208	336,181	199,519	23,087	16,343	18,476	12,508
1949	855,015	295,504	237,180	35,032	16,861	7,520	17,365

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

NO. 798.—CANNED FISHERY PRODUCTS—PRODUCTION AND VALUE: 1934 TO 1949

[Includes Alaska. See also *Historical Statistics*, Series F 200-209, for total fishery products, salmon, sardines, and tuna and tunalike fishes.]

YEAR	Total	SARDINES		Tuna and tuna-like fishes	Mack- erel	Shrimp	Clam products	Oysters	Other
		Salmon	Maine						
Quantity (thousands of pounds)									
1934	678,286	402,386	23,197	88,052	43,567	57,394	16,974	16,392	6,578
1935	643,550	289,339	33,614	108,902	55,691	81,550	18,230	16,674	7,513
1936	705,531	430,328	37,471	117,744	59,506	55,658	15,366	19,128	7,031
1937	712,532	362,642	34,109	126,500	60,522	37,837	21,523	19,577	10,634
1938	645,156	340,427	13,634	101,776	60,945	43,453	18,113	19,312	7,237
1939	683,279	287,621	44,872	130,864	70,605	40,023	20,651	24,515	9,080
1940	675,661	269,040	22,600	132,565	91,144	63,985	16,744	24,287	9,668
1941	880,745	375,918	64,245	225,322	61,563	42,075	13,273	25,271	9,100
1942	656,007	280,080	58,327	168,508	52,500	32,454	14,450	21,331	7,326
1943	617,041	273,802	50,854	150,961	56,503	42,176	9,007	12,197	4,842
1944	658,660	246,655	66,218	164,291	70,185	55,128	8,425	13,061	3,830
1945	646,355	235,598	55,322	169,469	73,174	52,225	21,502	3,104	37,925
1946	699,378	216,488	66,510	133,973	93,888	43,297	7,832	40,493	5,472
1947	754,129	270,787	61,182	74,367	117,469	78,973	7,085	36,136	5,747
1948	782,208	231,598	74,753	119,437	139,682	57,654	8,383	32,795	4,099
1949	855,015	265,196	62,413	160,570	141,701	47,247	9,971	31,112	6,341
Value (thousands of dollars)									
1934	80,021	45,818	3,315	5,481	10,010	3,245	4,403	2,713	1,871
1935	74,000	32,475	5,143	6,237	12,824	4,976	4,722	2,681	2,045
1936	94,564	50,061	5,740	7,302	14,715	3,543	4,672	2,076	2,181
1937	105,175	52,934	4,998	8,592	18,996	2,674	7,131	3,013	2,933
1938	83,446	42,366	2,367	7,102	15,184	2,896	4,872	3,190	1,886
1939	96,628	41,781	7,075	9,554	20,080	2,589	5,398	3,798	2,379
1940	94,182	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527
1941	138,684	67,417	12,501	18,092	19,308	3,504	4,883	3,711	4,969
1942	144,907	61,974	12,162	15,510	30,742	3,693	7,347	3,791	3,599
1943	141,180	62,935	11,105	14,352	31,430	5,271	5,361	2,802	2,822
1944	152,914	56,383	14,820	15,226	40,836	7,034	4,855	3,821	2,283
1945	152,801	52,586	12,077	15,346	47,407	4,047	1,919	7,391	2,030
1946	227,620	70,161	20,276	19,896	59,136	7,575	8,420	11,145	5,249
1947	310,679	120,035	28,311	16,538	90,609	15,010	8,192	8,642	4,259
1948	336,181	120,537	29,359	21,893	112,612	9,851	7,701	8,330	4,778
1949	295,504	103,431	21,052	21,335	97,710	6,849	11,203	8,770	6,525

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 799.—FRESH AND FROZEN PACKAGED FISH—PRODUCTION, BY PRINCIPAL SPECIES: 1933 TO 1949

YEAR	Total	Cod	Flounders	Haddock	Ocean perch	Whiting ¹	Other
Quantity (thousands of pounds)							
1933	62,732	11,577	3,756	35,140	2,550		12,250
1934	80,106	15,230	4,648	36,666			23,003
1935	107,404	17,747	6,166	46,484	4,320		32,777
1936	113,356	17,806	5,850	41,187	15,521		32,902
1937	116,902	22,507	7,870	40,241	15,509		30,865
1938	120,876	21,189	8,116	41,453	19,152	7,603	32,464
1939	131,316	19,442	8,174	38,100	24,103	13,530	27,868
1940	129,420	14,805	11,245	37,140	23,014	13,256	20,980
1941	182,051	16,921	20,455	46,012	41,817	24,019	32,827
1942 ²	173,362	13,010	24,809	41,882	37,680	24,583	31,338
1943 ²	158,639	13,714	24,517	32,219	31,012	22,315	34,802
1944 ²	172,294	22,083	18,073	38,403	34,531	18,510	40,094
1945 ²	204,927	28,864	19,961	44,197	35,456	29,050	46,490
1946 ²	188,572	18,132	21,900	42,441	40,507	22,120	34,463
1947 ²	183,800	14,082	20,664	43,205	46,976	28,042	30,881
1948 ²	180,297	13,879	23,466	42,219	47,696	5,122	30,915
1949	194,011	13,652	28,924	42,140	73,193	4,200	31,902
Value (thousands of dollars)							
1933	6,907	1,242	568	3,457	2,55		1,700
1934	9,001	1,677	722	3,801			2,746
1935	11,202	1,751	973	4,427	440		3,011
1936	12,147	1,895	906	4,266	1,514		3,566
1937	12,861	2,262	1,287	4,162	1,496		3,655
1938	12,315	2,025	1,253	3,428	1,568	362	3,879
1939	13,030	1,027	1,123	3,754	2,304	668	3,164
1940	14,345	1,793	1,542	4,521	2,272	561	3,656
1941	23,030	2,451	3,171	6,848	4,808	1,484	5,168
1942 ²	33,091	2,793	5,867	9,602	6,907	2,240	6,522
1943 ²	37,580	3,516	7,209	9,091	6,952	2,194	8,537
1944 ²	40,820	5,461	5,423	10,507	7,745	1,955	9,039
1945 ²	48,371	7,452	6,086	12,349	7,673	3,098	11,713
1946 ²	46,302	4,747	5,877	12,987	11,710	2,168	7,813
1947 ²	44,272	3,468	7,027	12,094	10,912	2,662	8,119
1948 ²	47,612	3,400	8,102	11,853	14,408	784	9,005
1949	48,339	3,232	9,096	11,845	15,335	686	8,145

¹ Data incomplete for years prior to 1938.² Estimated.³ Excludes California production. In 1941, yield of packaged fish in California totaled 5,384,000 pounds, valued at \$1,032,000 of which 1,880,000 pounds were flounders, valued at \$220,000.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 800.—FROZEN FISHERY PRODUCTS—PRODUCTION: 1941 TO 1950

[In thousands of pounds. Includes Alaska. Through 1942 for month ending on 15th, thereafter for calendar month. For cold storage holdings, see table 750. See also *Historical Statistics*, Series II 199, for annual figures]

MONTH	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Total	246,588	247,165	246,053	266,537	286,001	280,055	246,625	291,988	285,822	287,190
January	8,077	8,740	6,740	9,021	4,925	6,228	4,394	6,384	7,435	7,302
February	7,604	6,559	6,792	8,813	4,101	6,231	3,439	7,927	6,914	9,318
March	5,838	7,018	9,150	11,262	6,890	11,077	8,225	14,365	11,873	13,207
April	8,568	10,376	9,058	17,375	12,062	12,504	11,711	15,227	16,484	14,249
May	18,910	22,669	22,220	32,640	27,630	34,375	25,188	38,088	37,775	33,846
June	25,693	25,459	36,025	34,849	39,392	38,203	30,030	40,920	38,910	39,310
July	30,819	34,038	34,438	40,573	42,856	43,269	33,280	40,351	34,460	35,727
August	34,203	35,634	34,766	32,602	45,023	37,940	39,809	34,598	40,046	37,289
September	28,662	28,504	26,913	28,004	33,257	27,372	27,730	29,112	33,095	30,527
October	27,226	26,281	18,806	23,733	27,472	29,983	29,026	27,113	24,308	20,493
November	29,482	22,701	24,948	18,104	26,212	20,308	16,848	22,370	21,336	22,230
December	21,596	19,126	15,297	9,561	14,591	12,575	16,337	15,524	13,177	14,692

Source: Department of the Interior, Fish and Wildlife Service; current and annual bulletins.

No. 801.—FISHERY PRODUCTS—IMPORTS AND EXPORTS: 1939 TO 1949

YEAR	IMPORTS			EXPORTS			Non-edible 1,000 dollars
	Total 1,000 dollars	Edible products 1,000 pounds	Non-edible 1,000 dollars	Total 1,000 dollars	Edible products 1,000 pounds	Non-edible 1,000 dollars	
1939	45,099	346,240	32,404	13,595	14,207	124,974	13,581
1940	41,830	302,518	29,074	12,757	17,785	144,804	17,115
1941	40,981	305,875	28,040	12,941	22,008	215,990	21,470
1942	30,568	277,199	28,084	10,584	31,015	167,080	27,876
1943	67,183	324,476	43,689	23,494	48,534	230,260	43,244
1944	78,418	339,431	53,431	24,987	35,040	112,230	31,929
1945	101,254	404,768	76,434	24,820	38,510	135,970	30,865
1946	120,651	473,366	89,961	39,700	41,149	205,888	39,533
1947	109,072	407,636	83,275	26,607	52,836	207,486	49,281
1948	156,644	472,742	111,600	44,985	24,402	95,085	21,020
1949	161,610	470,517	113,753	37,857	34,874	146,660	29,212

¹ Preliminary.

Source: Department of the Interior, Fish and Wildlife Service; compiled from data furnished by Department of Commerce, Bureau of the Census.

No. 802.—FISH PROPAGATION BY FISH AND WILDLIFE SERVICE—OUTPUT OF EGGS, FRY, AND FINGERLINGS, 1895 TO 1949, AND BY SPECIES, 1949

(All quantities in thousands)

YEAR ENDING JUNE 30—	Total	Eggs	Fry	Fingerlings	Cost per million ¹
1895	619,916	55,408	561,894	2,613	\$202.64
1900	1,164,337	88,682	1,070,757	4,898	250.00
1915	4,288,788	530,260	3,694,282	58,216	131.55
1920	4,770,356	630,749	3,872,218	267,388	120.11
1925	5,301,862	1,050,303	4,114,514	136,054	135.61
1930	7,570,482	2,553,481	4,766,831	260,170	120.50
1935	5,071,725	3,381,704	1,556,246	133,683	117.22
1940	7,407,247	5,826,059	1,498,157	83,031	134.87
1945 (Dec. 31)	5,454,558	3,176,357	2,203,672	74,529	214.15
1946 (Dec. 31)	4,661,303	2,890,242	1,674,515	87,546	310.42
1947 (Dec. 31)	2,656,004	1,346,401	1,218,249	91,444	594.01
1948	1,763,220	1,029,894	653,036	79,696	845.16
1949	835,571	141,300	586,340	107,913	2,084.80

GROUP	1949			GROUP	1949		
	Eggs	Fry	Fingerlings or larger		Eggs	Fry	Fingerlings or larger
Catfish (bullheads)			321	Grayling	1,228		500
Channel catfish	47		186	Northern pike	5,524	4,968	802
Shad	22,879			Walleyed pike		1,980	280
Atlantic salmon	558		282	Crappie (black)			104
Chinook salmon	43,238		40,428	Crappie (white)			7
Chum salmon	5,270	7,000		Largemouth black bass		1,010	8,023
Landlocked salmon	20		510	Smallmouth black bass		511	221
Silver salmon	50		454	Rock bass			18
Sockeye salmon	0,658		5,794	Warmouth Bass			64
Steelhead trout	147		114	Bluegill sunfish			33,345
Rainbow trout	29,867	11	7,184	Green sunfish			
Cut-throat trout	15,856	1,764	3,531	Red-eared sunfish			166
Lock Laven trout or brown trout	286		1,772	Yellow perch			32
Lake trout			67	Flounder		545,871	
Brook trout	32,627	82	3,600	Lobster		206	

¹ Includes all expenditures chargeable to fish culture and distribution and salaries of all employees in fish cultural field services and administrative and clerical force.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins and reports.

28. Mining and Mineral Products

This section summarizes the principal statistics relating to the mineral industries and mineral products. It includes not only the crude and prepared minerals associated with the mineral extraction, but also some of the finished products manufactured from minerals. Statistics relating to the manufacture of mineral products are also included in section 30, Manufactures. Additional information relating to the mineral industries and mineral products appear also in other sections of this *Abstract* such as the section on labor force, prices, foreign commerce, and others.

Most of the statistics in this section are from the Bureau of Mines and the Bureau of the Census, with additional material from other Government agencies such as the Bureau of Labor Statistics, Bureau of the Mint, and the Interstate Commerce Commission and from non-Government sources such as the *Engineering and Mining Journal*, *American Metal Market*, and *the Iron Age*. Data in this section cover the following areas unless otherwise indicated: Bureau of Mines production statistics, continental United States, and, for leading products, outlying areas; Bureau of Census statistics, continental United States; foreign trade statistics, the United States customs area, which includes Alaska, Hawaii, Puerto Rico, and for 1935 to 1939, the Virgin Islands.

Mineral statistics, with principal emphasis on commodity detail, have been collected annually or at more frequent intervals by the United States Geological Survey or by the Bureau of Mines since 1880. The principal statistics have been published annually through 1931 in *Mineral Resources of the United States* and thereafter in the *Minerals Yearbook*. Data available from Bureau of Mines publications include quantities and values of minerals produced, sold or used by producers, or shipped; quantities of minerals stocked; crude materials treated and prepared minerals recovered, by method of treatment; and mineral content of materials produced. Data on production are sometimes available by method of extraction. Shipments or sales of products are classified in many cases by grade, by end use, or by State of destination. The Bureau of Mines also collects and publishes separate data on employment and accidents. The number of workers and man-days or man-hours worked, as measures of exposure to accidents, are tabulated only for broad industry groups.

Censuses of mineral industries have been taken approximately every 10 years since 1840. The statistics are collected and published in the Census volumes in such a manner as to relate the statistics on the production of the various minerals as nearly as possible to data on employment, principal expenses, fuels and power consumed, and other information available only for each establishment as a whole. Each establishment is classified according to its most valuable product. The data are also collected and compiled in a manner to permit integration with other Census statistics such as for manufactures and wholesale and retail trade. Data are available on the number of operations, quantity and value of products, number of persons engaged (sometimes by department or type of work), principal expenses (wages, salaries, cost of supplies and materials, fuel, purchased electric energy, and work done on contract), horsepower of power equipment, and sometimes other items, such as man-hours, cost of buildings, machinery and equipment, number and type of power-loading machines, cost of drilling oil and gas wells, development work, and capital invested. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau of the Census at monthly, quarterly, or annual intervals.

To avoid misinterpretation, it should be noted that the Census of Mineral Industries statistics in table 808 relate to operations primarily engaged in extracting minerals and in such primary mineral-preparation activities (crushing, screening, washing, flotation, etc.) as are needed to render the minerals marketable. Many of the statistics collected by the Bureau of Mines represent products of operations beyond the limits covered by the Census of Mineral Industries. Value totals based on Bureau of Mines publications, as shown in tables 804 and 806, are not comparable with the Census value totals, as shown in table 808. Census values represent crude or prepared minerals f. o. b. the mine, well, or mineral-preparation plant. Bureau of Mines value totals include for most nonferrous metals the value of ingot metal rather than the value of ores and concentrates and the value of such manufactured products as cement and lime rather than the value of the limestone used in producing them.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series G 1-5") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 803.—MINERAL PRODUCTION—VALUE, BY STATES AND FOR ALASKA: 1944 TO 1949

[For 1944–46, sum of State totals in table below does not agree with total for United States given in table 804 chiefly because (1) figures for certain products included in United States total are not available by States of origin; (2) use of iron ore values in State totals and pig iron values in United States total; (3) use of mine figures for gold, silver, copper, lead, and zinc in State totals and mint and smelter figures in United States total; (4) inclusion of estimates in United States total for a few products for which no canvass has been conducted for many years and for which no estimate by States is made; and (5) use of natural gas values at wells in State totals and values at point of consumption in United States total. For 1947–49 data on new basis; see headnote, table 804.]

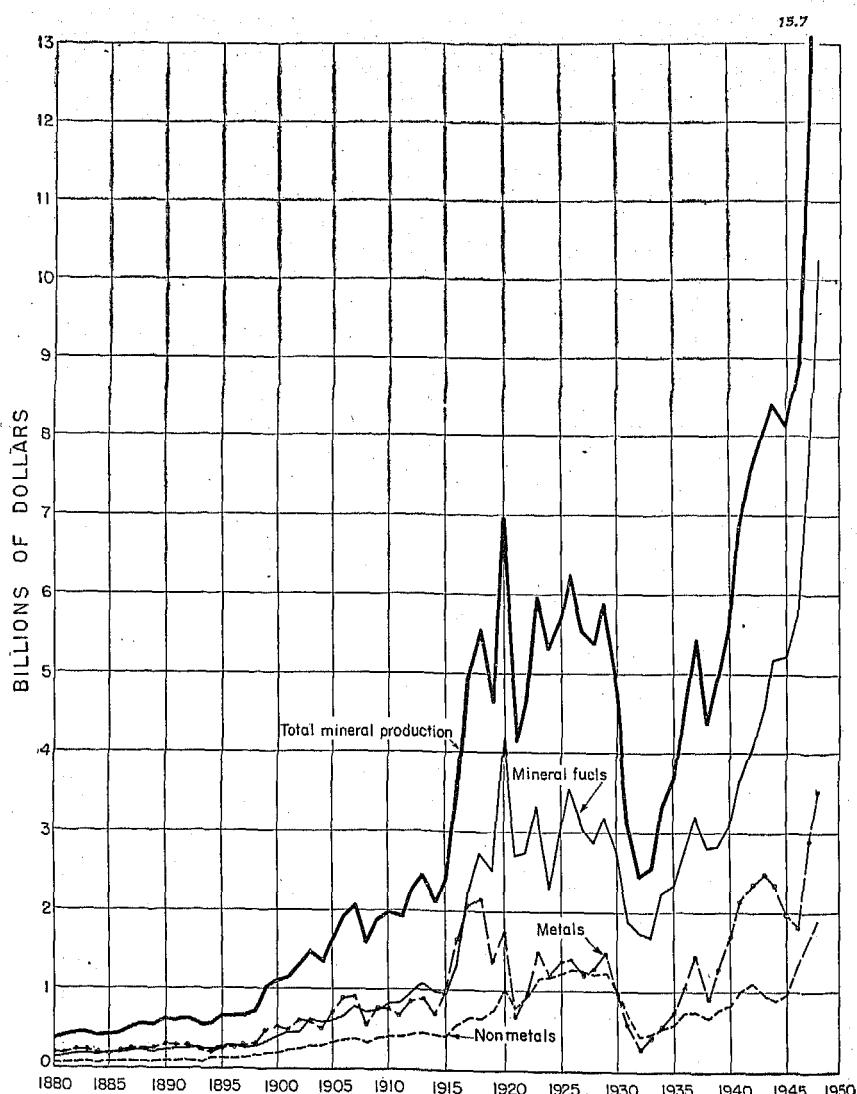
[In thousands of dollars]

DIVISION AND STATE	1944	1945	1946	1947	1948	1949
Continental United States.....	6,372,364	6,251,281	7,067,214	9,609,717	12,273,317	10,554,234
New England.....						
Maine.....	21,357	21,028	33,826	36,979	43,941	43,775
New Hampshire.....	2,150	2,521	4,389	5,784	8,064	6,742
Vermont.....	1,164	802	1,451	1,254	1,331	1,384
Massachusetts.....	7,672	8,249	12,096	14,717	15,099	17,384
Rhode Island.....	5,263	5,450	9,745	10,576	12,583	12,449
Connecticut.....	612	508	561	785	1,450	920
Middle Atlantic.....	4,496	3,498	5,584	3,863	4,484	4,887
New York.....	1,080,322	1,033,177	1,211,093	1,409,583	1,574,971	1,211,686
New Jersey.....	84,286	88,678	103,571	122,333	143,623	138,544
Pennsylvania.....	33,828	31,267	33,518	38,433	44,388	38,584
East North Central.....	962,208	913,232	1,074,004	1,248,817	1,380,960	1,034,837
Ohio.....	756,807	748,754	849,369	1,004,811	1,207,797	1,070,460
Indiana.....	174,582	179,682	221,356	244,444	284,818	242,391
Illinois.....	89,760	88,802	107,470	133,862	161,950	140,878
Michigan.....	320,147	330,184	358,628	425,380	521,038	450,008
Wisconsin.....	140,520	127,869	133,310	166,634	202,885	200,447
West North Central.....	22,798	22,217	28,596	34,491	37,108	35,878
Minnesota.....	451,255	449,742	505,395	654,928	813,844	787,619
Iowa.....	170,488	167,138	155,734	218,374	267,248	257,540
Missouri.....	22,452	25,008	34,957	31,023	33,965	37,468
North Dakota.....	72,800	74,347	85,357	103,928	108,291	111,287
South Dakota.....	4,334	4,505	5,118	6,258	8,478	8,810
Nebraska.....	5,471	7,137	18,389	23,590	24,327	26,723
Kansas.....	5,060	4,963	7,277	6,704	8,385	10,102
South Atlantic.....	170,560	166,644	194,563	265,061	361,100	335,699
Delaware.....	717,651	699,591	793,099	1,113,489	1,298,077	978,036
Maryland.....	182	131	491	340	408	335
District of Columbia.....	15,264	15,329	21,901	28,291	25,002	20,461
Virginia.....	111	229	710	61	64	63
West Virginia.....	86,951	81,965	90,823	130,296	143,333	116,410
North Carolina.....	547,851	537,212	588,925	857,670	1,012,402	721,480
South Carolina.....	22,199	14,766	20,428	16,386	18,231	19,755
Georgia.....	4,192	5,043	8,189	7,589	8,885	9,026
Florida.....	10,005	10,988	30,449	32,009	36,103	35,508
East South Central.....	21,896	24,923	31,093	45,847	53,054	54,998
Kentucky.....	442,553	441,321	497,290	731,961	900,793	700,611
Tennessee.....	250,736	250,910	272,558	426,101	504,080	375,400
Alabama.....	63,994	58,672	68,031	79,941	93,599	77,348
Mississippi.....	109,149	110,360	123,029	158,275	183,797	143,879
West South Central.....	18,675	21,370	33,672	67,644	119,317	103,984
Arkansas.....	1,641,401	1,674,581	1,916,152	2,795,657	4,063,416	3,575,064
Louisiana.....	64,079	65,257	65,085	90,867	122,089	109,276
Oklahoma.....	217,733	222,413	273,882	404,779	604,198	616,245
Texas.....	225,833	243,314	263,282	354,387	506,846	483,606
Mountain.....	1,133,756	1,160,697	3,113,003	1,945,634	2,830,288	2,305,847
Montana.....	708,662	627,109	623,860	964,968	1,151,204	1,049,915
Idaho.....	82,290	68,829	62,114	87,735	103,841	97,756
Wyoming.....	51,321	44,348	44,444	66,822	70,128	64,202
Colorado.....	68,034	74,620	78,745	117,395	172,004	150,839
New Mexico.....	79,137	77,236	77,573	102,449	128,861	141,165
Arizona.....	112,180	104,234	111,938	157,548	220,076	199,629
Utah.....	115,592	98,674	118,086	186,081	200,358	181,096
Nevada.....	148,308	127,961	95,506	206,016	204,458	177,763
Pacific.....	51,800	31,307	35,454	40,928	42,479	37,376
Washington.....	552,356	555,978	637,130	897,331	1,219,274	1,137,128
Oregon.....	38,483	31,301	33,029	38,051	48,928	40,863
California.....	9,657	9,463	11,807	15,867	23,935	21,849
Alaska.....	508,216	515,214	502,294	843,413	1,146,411	1,074,416
	6,903	10,174	12,426	18,488	13,024	15,549

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

FIG. XXXV.—VALUE OF MINERAL PRODUCTION: 1880 TO 1948

[Old basis. See table 804]



Source: Department of the Interior, Bureau of Mines.

No. 804.—MINERAL PRODUCTS OF THE UNITED STATES—VALUE, FOR METALLIC AND NONMETALLIC; 1881 TO 1949

[All figures in millions of dollars.] Principal differences between old basis and new basis are as follows: (1) U. S. totals on the new basis represent data on primary products, exclusively from domestic mines, in order to provide figures on mine output (or output of concentrating mills at or near the mines); on the old basis, totals in some instances include secondary products and mineral products made from foreign material. (2) Totals on the new basis represent continental U. S. only; on the old basis, production in Alaska, Hawaii, Philippine Islands (through 1946) and Puerto Rico was included, but no data were collected for other U. S. possessions now shown in table 807. Data for years prior to 1947 not yet available on new basis. See also *Historical Statistics*, series G 1-5]

¹ Coal, natural gas, natural gasoline and allied products, petroleum.

² See headnote.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 805.—NONFERROUS METALS—YEARLY AVERAGE PRICES, BY KIND: 1896 TO 1950

[Prices are cents per pound, except quicksilver (dollars per flask) and platinum (dollars per ounce)]

YEAR	Copper, electro- lytic (New York)	Lead (New York)	Tin (New York) ¹	Zinc (St. Louis)	Alumi- num, delivered ²	Anti- mony (New York)	Quick- silver (New York) ³	Plati- num (New York)
1896-1900	4 13.41	3.84	19.54	5 4.55	37.15	8.204	42.17	16.66
1901-1905	13.877	4.330	28.19	7 5.284	33.80	7.308	43.17	19.55
1906-1910	15.642	4.780	34.26	5.432	31.12	11.885	44.12	26.59
1911-1915	14.973	4.359	41.10	7.205	23.84	12.378	52.77	45.16
1916-1920	23.031	7.355	8 64.48	8.783	42.14	15.063	106.71	103.54
1921-1925	18.474	6.933	42.64	6.189	23.88	9.331	64.76	105.42
1926-1930	14.475	6.765	51.38	6.135	24.80	11.062	114.15	77.90
1931-1935	7.555	3.843	37.64	3.806	22.40	8.271	70.07	34.76
1936-1940	10.980	5.138	48.39	5.495	20.12	18.201	105.28	41.05
1941-1945	11.77	6.355	52.01	8.095	15.37	15.433	165.97	35.42
1946	9.474	4.710	46.42	4.901	20.50	12.240	79.92	42.93
1937	13.187	6.009	54.29	6.519	20.08	15.355	90.18	51.77
1938	10.000	4.739	42.28	4.610	20.00	12.349	75.47	35.00
1939	10.965	5.058	49.11	5.110	20.00	12.359	103.94	36.75
1940	11.296	5.179	49.84	6.335	20.00	14.000	176.87	37.92
1941	11.707	5.703	52.03	7.474	16.87	14.000	185.02	36.00
1942	11.78	6.481	52.00	8.250	16.00	15.559	196.35	36.00
1943	11.78	6.500	52.00	8.250	16.00	15.928	195.21	36.08
1944	11.75	6.500	52.00	8.250	16.00	15.839	118.36	35.00
1945	11.75	6.500	52.00	8.250	15.00	15.839	184.89	35.00
1946	14.04	8.109	54.54	8.726	15.00	17.309	98.24	57.20
1947	21.30	14.673	77.95	10.500	16.00	34.832	83.74	59.00
1948	22.33	18.043	90.25	13.589	15.73	38.168	76.49	80.25
1949	19.51	15.364	99.34	12.144	17.00	40.229	79.46	73.30
1950	21.54	13.206	95.54	13.866	17.71	30.006	81.26	76.50

¹ 99 percent tin, 1896-1919; Straits tin thereafter.

⁶ Average for 1899 and 1900 only.

² Prices 1896 to 1929 for pure aluminum (No. 1 virgin 98-99 percent); beginning 1930, for 99 percent+virgin ingot.

⁷ Average, 1903-05; average for New York zinc 1901-05, 5,058 cents.

³ Flasks of 75 pounds prior to 1927; 76 thereafter.
⁴ Prices 1892 to 1898 are for Lake copper.

⁸ Average for 4 years
⁹ Connecticut Valley

* Prices 1896 to 1898 are for London.
Data are for New York zinc.

⁹ Connecticut
¹⁰ Estimated.

Sources: Engineering and Mining Journal and The Mineral Industry; American Metal Market, annual reports; and The International Tin Year Book.

MINING AND MINERAL PRODUCTS

No. 806.—MINERAL PRODUCTION IN CONTINENTAL UNITED STATES: 1947, 1948, and 1949

[Data represent production as measured by mine shipments or mine sales (including consumption by producers), except that fuels and the following additional minerals are strictly production: Gypsum, iodine, magnesite, pyrites, antimony, bauxite, and mercury. Excludes uranium ores. See also table 804. See also Historical Statistics, series G 1-5, 13-18, and 43-180.]

MINERAL	1947			1948			1949			
	Short tons (unless otherwise stated)	Value	Short tons (unless otherwise stated)	Value	Short tons (unless otherwise stated)	Value	Short tons (unless otherwise stated)	Value	Short tons (unless otherwise stated)	
Total mineral production										
Coal:		\$8,610,000,000		\$12,273,000,000		\$10,554,000,000		\$7,886,000,000		
Bituminous ¹ :	627,388	\$49	2,614,560	\$47	9,495,000	\$0,000	494,342	\$73	2,126,225	\$715
Lignite:	2,873,653	5,519	3,012	256	7,032	130	1,355	553	1,021	42
Pennsylvania anthracite:	57,100	309	57,139	348	467,051	\$80	368,000	451	338,173	500
Natural gas (valued at wells):	4,582,173	300	5,148	20,000	2,486	532	2,355	472	2,020	000
Natural-gas liquids:										
Natural gasoline and cycle products:	3,659	449,000	3,953	216,000	341	154,000	2,442	110,000	2,273	686,000
LPG-gases:	1,891	815,300	2,209	971,000	177	823,000	2,418	456,000	2,98	484,000
Petroleum:	1,856	865,000	2,020	185,000	2,245	180,000	2,184	307,000	3,067	480,000
Total nonmetallic minerals		1,345,000,000			1,565,000,000				1,567,000,000	
Abrasive stone: ³										
Grindstones and pulpstones:	10,696	451,787	7,954	404,767	(4)	4,507	246,679			
Milstones:	(4)	23,159	(4)	17,733	(4)	2,374	9,400			
Pebbles (grinding):	5,860	132	883	101	532	555	64,038			
Blast-mill liners (natural):	1,496	40	305	1,297	41	555	1,166			
Asbestos:	24,035	918,558	37,092	1,806,261	1,806	261	43,387	2,614,416		
Asphalt and related bitumens (native):										
Bituminous limestone and sandstone:	1,004,740	3,756,074	1,084,004	3,634,917	1,150,931	51,462	4,264,389			
Gilsonite:	67,165	1,746,228	52,122	1,380,713	51,462	1,303,584				
Wartzilite:	17	746								
Barite (crude):	834,082	6,171,342	798,948	6,693,413	717,313	5,612,226				
Boron minerals:	501,925	11,844,108	450,822	11,147,725	467,592	11,511,832				
Calcium, magnesium chloride, basis 75 percent (Ca, Mg) Cl ₂ :	78,177	650	14,887,104	76,041,551	14,925,470	88,725,760	16,267,903			
Carbon dioxide, natural (estimated):	581,206	412,020	545,000	397,000	466,465	575,075	3,260,575			
Cement: ⁵	188,515,629	356,638,938	205,239,342	446,465,325	459,000	476,000	376,000			
Clays (excluding fuller's earth): ⁶	28,191,680	71,256,938	31,303,697	80,916,884	207,132,364	28,473,844	47,618,654			
Emery:	5,798	66,927	5,405	69,408	408	4,909	60,917			
Feldspar (crude):	459,910	2,410,940	460,713	2,564,387	369,378	2,278,441				
Fluorspar:	329,484	10,934,875	321,449	11,227,452	266,704	8,265,754				
Garner (abrasive):	8,722	610,071	8,039	587,797	6,578	565,531				
Gem stones (estimated):	(4)	540,000	(4)	450,000	(4)	450,000				
Graphite:										
Gypsum (crude):	6,208,216	221,250	221,250	450,759	5,213	475,264				
Hematite (shipped, calendar years):	52,322,350	16,592,884	7,254,335	19,112,669	6,608	118	318,553			
Kyanite:		50,015,346	50,015,346	51,501,421	51,501,421	688,795	688,795			
Total (shipments, calendar years):	(7)					527,032	403,169			

MINERAL PRODUCTS

6,759	949	7,245	211	74,677	460	6,302	551	68,907	830
Lime (open-market) ⁵		2,151	113	210	752	4,583	345	970	345
Lithium minerals		2,566	747	(7)		281	315	1,860	163
Magnesium (crude)		376	963						
Magnesium compounds from sea water and brines (except for metal)	MgO equivalent	5,840	000	91,700	6,918	000	63,000	5,038	000
Marl:									
Calcareous (except for cement)		176,187	235,190	114,759	145,712	166,800	231,975		
Greensand		8,337	432,980	7,269	392,956	6,128	276,564		
Mica:									
Schist		49,797	1,095,578	52,157	1,091,698	32,866	795,782		
Olivine		415,589	116,110	270,042	45,940	513,954	132,097		
Peat		10,838	129,094	4,786	86,230	3,528	850		
Phosphate rock		136,232	868,979	129,581	929,360	129,632	1,020,014		
Potassium salts		46,938	837	8,688	769	50,501	598	8,986	933
Pumice and pumicite		1,038,266	34,716,151	1,125,339	35,988,758	1,120,635	36,105,759		
Pyrrites		442,552	2,042,880	697,646	2,500,906	716,742	2,389,082		
Quartz from pegmatites and quartzite		940,652	4,121,000	923,531	3,950,000	888,388	3,904,000		
Salt (common)		101,317	424,626	161,861	750,687	107,552	475,491		
Sand and gravel		283,188	52,090,401	16,388,148	54,210,710	15,578,033	53,970,904		
Sand and sandstone (ground)		283	524	212,667,819	318,059,684	232,244,195	315,407,904		
Slate		644,508	5,154,264	692,773	5,778	610,780	245,860,928		
Sodium carbonate (natural)		876,010	11,685,178	739,400	12,830,629	740,260	12,184,276		
Sodium sulfate (natural)		283,051	5,862,178	8 285,769	6,623,280	200,486	4,108,714		
Stone 9		205,242	3,323,084	265,862	4,248,613	186,223	212,733,863		
Wolastonite		206,242	286,792,050	224,474,900	326,660,222	222,442,750	339,442,316		
Sulfur:									
Ore for direct agricultural use									
Refined		4,303	65,124	4,700	30,220	5,392	101,991		
Talc, pyrophyllite, and ground soapstone		4,828	103	85,200,000	4,978,912	89,600,000	4,789,311	86,208,000	
Topaz (industrial)		516,094	7,682,481	518,746	8,265,263	4,461,886	7,532,478		
Tripoli		2,294	45,573	290	4,000	(7)			
Vermiculite		34	578	751,422	26,845	705,523	25,595	680,604	
Other nonmetallic minerals 10		131,386	1,338,572	138,635	1,387,233	168,819	1,686,419		
Total metals									
Antimony ore and concentrates 6		19,680	3,250,023	16,171	1,219,000,000	5,156	1,101,000,000		
Bauxite		1,202,056	6,884,666	1,457,148	4,439,062	8,696,708	1,148,792	1,134,417	
Beryllium concentrates		145	25,214	99	26,600	346	6,778,181		
Chromite		676,612	(11)	3,619	(11)	483	11,662		
Cobalt		948		580,703		673,773			
Columnium (niobium) concentrates		877,551	355,571,420	824,797	362,301,808	752,746	296,581,924		
Copper 5		1,829,197	64,121,895	1,785,862	61,805,170	1,762,387	61,682,846		
Gold 5		92,670,188	317,128,811	100,274,965	391,229,884	84,174,399	377,637,181		
Iron ore, usable (excluding byproduct from smelter)		333,957	110,579,616	330,147	131,100	409,887	126,514,812		
Lead 5		131,627	4,200,947	4,390,199	126,135	4,390,199	5,178,564		
Manganese ore (35 percent or more Mn)									

For footnotes see p. 680.

MINING AND MINERAL PRODUCTS

MINERAL	1947		1948		1949	
	Short tons (unless otherwise stated)	Value	Short tons (unless otherwise stated)	Value	Short tons (unless otherwise stated)	Value
Metals—Continued						
Manganese ore (5 to 35 percent Mn).....	1,174,345	\$3,447,149	1,340,565	\$1,078,395	1,158,902	\$4,040,155
Manganeseous residue.....	227,547	(1)	291,383	(1)	781,092	(1)
Mercury ⁵	23,117	1,895,818	14,288	9,830	19,332	900
Molybdenum ore and concentrates.....	22,189	800	29,659,000	20,415,000	23,250,000	(1)
Platinum group (crude).....	15,178	600	(1)	(1)	31,346	949
Silver ⁵	32,394	32,394	38,028,680	34,638,384	34,638,386	31,346,949
Tantalum, concentrates.....	3,259	8,677	500	(1)	—	—
Tin ore and concentrates ⁶	—	—	—	—	17	37,410
Titanium concentrates.....	336,061	5,098,490	381,508	5,793,973	389,234	6,212,348
Uranite.....	5,157	533,458	9,907	6,617,334	10,559	4,889,798
Rutile.....	3,081	4,336,183	4,033	6,335,386	2,755	4,377,086
Tungsten concentrates.....	2,117	982	1,286,026	(1)	(1)	(1)
Vanadium ore and concentrates.....	637,588	183,112,356	629,955	167,973,567	393,201	148,112,878
Zinc ⁵	3,875	513	3,875	10,467,595	—	6,670,946

¹ Includes small quantity of autuniteite mined in States other than Pennsylvania.

² Preliminary.

³ Excludes sharpening stones, included with "Other nonmetallic minerals."

⁴ Weight not recorded.

⁵ Valued at refined state of production.

⁶ Excludes clays sold or used for cement as follows: 1947, 4,533,492 short tons, \$2,987,424;

1948, 6,302,439 tons, \$4,320,266; 1949, 6,675,134 tons, \$4,572,787.

⁷ Value included with "Other nonmetallic minerals."

⁸ Excludes production from Wyoming, value for which is included with "Other nonmetallic minerals."

⁹ Excludes abrasive stone, bituminous limestone, bituminous sandstone, and ground soapstone, all included elsewhere in table. Also excludes limestone for cement and lime.

¹⁰ Comprises andalusite, apatite, brucite, diatomite, dioromite (1949), epsom salts from serpentine (1947) and epsomite (1949), iodine, perlite, sharpening stones, sodium carbonate (Wyoming 1948), and minerals indicated by footnote 7.

¹¹ Value included with "Other metals,"

¹² Less than 1/2 ton.

¹³ Comprises magnesium chloride for magnesium metal, zirconium concentrates, and minerals indicated by footnote 11.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

MINERAL	1947		1948		1949	
	Quantity	Value	Quantity	Value	Quantity	Value
Territories, total						
Alaska, total		\$30,193,000		\$15,195,000		\$16,557,000
Antimony ore and concentrates ¹	18,483,000		13,024,000		15,549,000	
Coal	2,554,797		2,789,275		2,336,744	
Copper ¹	5,040		6,944		5,533	
Gold ¹	9,798,580		8,683,925		8,029,560	
Lead ¹	176,082		117,782		51	
Mercury ¹	10,656		100		100	
Platinum group (crude)	(2)		(2)		(2)	
Silver ¹	59,866		67,341		36,056	
Stone	150		40,750		54,637	
Tin ore and concentrates ¹	(2)		(2)		(2)	
Tungsten concentrates	200		22		5,852	
Zinc ¹	6,050					
Other minerals: Chrys ¹ , gem stones (1947), pumice (1948), sand and gravel, and minerals indicated by footnote 2.	5,957,319		1,257,704		4,005,086	
Hawaii, total	1,705,000		2,171,000		2,266,798	
Lime (open-market)	228,000		236,798		8,404	
Stone	786,010		837,600		653,880	
Other minerals (nonmetallic)	5,963					
Possessions, total						
Canal Zone, total						
Sand and gravel ¹						
Stone (crushed) ¹						
Puerto Rico, total						
Cement ¹						
Lime (open-market) ¹						
Salt (common)						
Stone ¹						
Other minerals: Chrys ¹ , sand and gravel, stone (unclassified, 1948-49), and dimension stone granite, 1949, and minerals indicated by footnote 2.						
Trust Territory of the Pacific Islands (American Samoa): Phosphate rock exports ¹						
Virgin Islands: Stone (crushed) ¹						
1. Valued at refined state of production.						
2. Value included with "Other minerals."						
3. Quantities are estimated short-ton equivalents of cubic yards reported.						
4. Data are for years ended June 30.						
5. Distribution by years estimated from reported 1946-49 totals and a partial breakdown.						

⁶ Excludes certain stone included with "Other minerals."⁷ Estimative.⁸ St. Croix Island only. Data for St. Thomas Island not available.⁹ Not available.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

NO. 808.—MINERAL INDUSTRIES—SUMMARY FOR THE UNITED STATES: 1919, 1929, AND 1939

[Statistics cover producing operations only. In general, those for 1939 cover only those operations (or concerns producing crude petroleum, natural gas, and natural gasoline, and rendering oil-and-gas-field services) for which total value of all products, reported principal expenses, cost of buildings, machinery, and equipment during year, or cost of drilling and equipping wells during year amounted to \$2,500 or more. For bituminous coal and lignite an output criterion of 1,000 tons of coal was substituted for value of all products. Statistics for common sand and gravel industry exclude data for operations that produce less than 15,000 tons of sand and gravel unless reported principal expenses or cost of buildings, machinery, and equipment during year amounted to \$15,000 or more. Statistics for 1929 cover, in general, only those "enterprises" for which total value of all products or cost of development work amounted to \$2,500 or more. Bituminous coal and lignite mines that produced less than 1,000 tons of coal and common sand and gravel operations that produced less than 25,000 tons of sand and gravel, were excluded. Statistics for 1919 exclude data for "enterprises" for which value of all products was less than \$500 or cost of development work was less than \$5,000. Noncommercial production of stone and sand and gravel obtained from mines or quarries operated by governmental agencies, public utilities, or by construction companies or contractors producing wholly for their own use or on contract for governmental agencies is excluded for all years. For summary data from 1939 Census of Mineral Industries by type of mineral industry, see 1949 *Statistical Abstract*, table 854.]

ITEM	1939 (all industries)	COMPARATIVE STATISTICS FOR 1939 AND 1929		COMPARATIVE STATISTICS FOR 1939 AND 1919	
		1939 ¹	1929	1939 ²	1919
Number of mines and quarries	13,305	12,736	11,602	10,888	13,844
Number of oil and gas wells producing December 31	347,645	-----	-----	347,616	267,673
Number of natural-gasoline plants	734	-----	-----	734	1,115
Value of all products ³	1,000 dollars	3,221,027	1,721,771	2,302,881	3,089,004
Number of persons engaged, total	827,410	668,771	863,948	792,423	1,077,675
Wage earners (average for the year) ⁴	736,150	616,614	806,418	705,872	981,560
Salaried employees ⁵	77,010	44,124	52,638	73,238	74,197
Proprietors and firm members (not applicable to corporations) ⁶	14,241	8,033	4,897	13,313	21,018
Performing manual labor	6,431	5,107	(?)	6,122	5,245
Principal expenses designated below, total	1,000 dollars	1,747,282	1,161,318	1,661,168	1,674,708
Wages ⁴	do	915,558	740,112	1,001,990	881,122
Salaries ⁵	do	189,356	103,807	137,639	180,372
Supplies and materials	do	300,297	216,448	298,568	290,545
Fuel	do	60,374	82,668	49,146	53,008
Purchased electric energy	do	68,892	61,429	71,709	63,617
Contract work	do	206,805	6,953	17,056	205,955
Cost of machinery and equipment installed during year ⁸	1,000 dollars	261,475	60,334	84,508	253,688
Horsepower rating of power equipment, total ⁹	13,045,784	8,754,546	7,514,843	12,112,357	(?)
Prime movers	7,149,168	3,332,089	2,743,025	6,653,204	5,111,531
Electric motors driven by purchased energy	5,896,616	5,422,457	4,771,818	5,459,153	(?)
Electric energy consumed, total 1,000 kilowatt-hours	8,371,670	7,396,870	7,462,790	(?)	(?)
Purchased	do	6,301,497	5,627,091	5,382,178	(?)
Generated by reporting companies	do	2,070,173	1,769,770	2,080,612	(?)

¹ Excludes statistics for common clay and shale, crude petroleum and natural gas, greensand, natural gasoline, peat, potash, and rock salt industries, for comparability with 1929.

² Excludes common clay and shale, common sand and gravel, glass-sand, foundry-sand, natural sodium compounds, peat, potash, and rock salt industries, and limestone mines and quarries operated in conjunction with cement and lime plants for comparability with 1919.

³ Includes value of crude minerals produced, value added during year by preparation processes, receipts for services performed for other concerns, and value of electric energy generated and sold.

⁴ Represents statistics for skilled and unskilled employees who perform manual labor, use tools, operate machines, handle materials, and care for property. Average numbers of wage earners were derived by adding numbers reported for each month and dividing sum by 12.

⁵ Represents statistics for salaried employees at operations and at central and branch offices, including officers of corporations, managers, superintendents, and other supervisory personnel, responsible professional and technical employees, and clerical employees. Number of salaried employees represents number receiving pay on a representative or normal day or pay-roll period—for 1939, during normal pay-roll period, ending nearest Oct. 14; for 1929, on Dec. 14 or on nearest representative day; for 1919, on Dec. 15 or on nearest representative day. Salaries represent total amount paid to salaried employees during calendar year.

⁶ Represents statistics for proprietors and firm members at operations and at central and branch offices.

⁷ Census statistics not available.

⁸ For 1939 includes installation costs, which are excluded for 1929.

⁹ Statistics for 1939 and 1929 refer to equipment in use or available for use at end of year.

¹⁰ Includes equipment, with rating of 8,865 horsepower, operated by purchased power other than electric energy.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Mineral Industries, 1939, Vol. I.

No. 809.—ALUMINUM—PRODUCTION, EXPORTS, AND IMPORTS: 1913 TO 1949

[See also *Historical Statistics*, series G 125-126, for earlier data on primary aluminum]

YEAR.	PRODUCTION						IMPORTS ²		EXPORTS ²	
	Quantity (1,000 pounds)			Value (\$1,000)			Quantity (1,000 lb.)	Value (\$1,000)	Quantity (1,000 lb.)	Value (\$1,000)
	Total	Primary	Secondary	Total	Primary	Secondary				
1913.....	56,587	47,279	9,308	11,649	9,450	2,199	25,095	4,388	.....	.....
1914.....	67,017	57,973	9,044	11,753	10,080	1,673	17,943	3,354	.....	.....
1915.....	107,504	90,504	17,000	22,082	16,280	5,802	9,294	1,766	.....	.....
1916.....	153,707	115,107	38,600	57,330	33,600	23,430	6,690	1,753	.....	.....
1917.....	162,061	129,861	32,200	62,504	45,882	16,712	80	35	.....	.....
1918.....	184,825	124,725	30,100	51,272	41,159	10,113	1,691	534	24,135	8,970
1919.....	165,850	128,477	37,382	50,573	38,558	12,015	13,852	4,531	5,020	1,745
1920.....	169,042	138,042	31,000	50,864	41,375	9,489	30,200	12,184	9,408	3,068
1921.....	72,332	54,532	17,800	14,681	10,906	3,775	32,559	7,628	2,196	801
1922.....	106,213	73,633	32,580	19,708	13,622	6,088	43,892	8,287	4,347	1,127
1923.....	171,268	128,658	42,600	39,130	28,305	10,826	42,477	8,317	5,540	1,518
1924.....	204,564	150,564	54,000	52,203	37,607	14,506	31,810	6,860	6,344	1,632
1925.....	228,116	140,116	88,000	61,246	36,430	24,816	41,997	9,806	12,642	3,366
1926.....	235,786	147,386	88,400	61,451	37,583	23,803	71,392	16,422	7,634	2,135
1927.....	256,007	163,607	92,400	62,736	39,296	23,470	62,575	13,317	14,523	3,470
1928.....	306,144	210,544	95,600	70,747	47,889	22,848	38,847	8,057	15,728	3,750
1929.....	324,773	227,973	96,800	74,989	51,864	23,185	50,881	9,036	17,032	4,150
1930.....	306,287	220,037	77,200	68,138	50,961	17,177	25,461	4,690	17,330	3,916
1931.....	238,145	177,545	60,600	50,010	37,284	12,726	14,833	2,540	4,701	980
1932.....	152,888	104,888	48,000	31,445	20,453	10,992	8,185	1,339	4,437	409
1933.....	152,125	85,125	67,000	31,517	16,174	15,343	15,247	2,746	5,708	600
1934.....	166,977	74,177	92,800	31,726	14,004	17,632	18,592	3,825	8,366	1,249
1935.....	222,095	119,295	102,800	41,088	22,070	19,018	21,291	3,694	3,970	604
1936.....	327,929	224,029	103,000	60,667	41,612	19,055	25,563	4,168	1,606	382
1937.....	417,801	292,681	125,120	70,382	55,600	23,773	45,178	6,883	5,384	1,261
1938.....	364,482	280,882	77,900	71,985	56,659	15,326	17,740	2,491	12,618	3,912
1939.....	434,984	327,090	107,894	85,909	64,600	21,309	28,673	3,385	74,216	20,892
1940.....	573,284	412,560	160,724	104,624	75,292	29,332	36,188	4,737	55,682	17,910
1941.....	831,848	618,134	213,714	135,102	100,395	34,707	26,826	3,619	14,924	4,793
1942.....	1,435,140	1,042,212	392,928	208,817	151,371	57,446	224,272	35,501	77,558	19,563
1943.....	2,468,280	1,840,358	627,922	355,026	265,380	90,546	271,644	41,303	235,276	59,093
1944.....	2,204,182	1,652,802	651,200	315,681	222,416	63,266	205,606	30,230	377,042	73,579
1945.....	1,586,894	990,120	596,774	226,161	140,864	85,297	678,570	98,285	13,406	3,116
1946.....	1,375,406	819,260	555,146	194,451	115,812	78,630	114,200	12,236	34,668	10,132
1947.....	1,833,174	1,143,500	689,074	250,077	161,626	97,451	62,658	6,300	126,242	33,188
1948.....	1,820,466	1,246,912	573,554	263,920	180,755	88,165	321,762	41,799	99,092	29,037
1949.....	1,568,448	1,206,924	361,524	247,315	190,303	67,012	250,652	36,003	74,358	21,466

¹ Based upon average price of primary aluminum as reported to Bureau of Mines, or as quoted by the Engineering and Mining Journal and the American Metal Market.² Includes aluminum and aluminum alloy ingots, scrap, plates, sheets, bars, etc.

Source: Department of Interior, Bureau of Mines; Minerals Yearbook.

No. 810.—COPPER—PRODUCTION, EXPORTS, IMPORTS, AND CONSUMPTION:
1910 to 1949

[In short tons (2,000 pounds). Production figures for unrefined copper cover United States and Alaska. Output of copper from foreign crude materials also shown under refined copper production. Consumption as shown represents quantity withdrawn from total new supply on domestic account (apparent consumption) not actual consumption, largely because consumers' inventories are not taken into account. Over a period of years, however, apparent consumption data give a good indication of consumption trends]

ITEM	1910	1920	1930	1935	1940	1945	1948	1949
UNREFINED COPPER								
Copper ore produced (1,000 tons) ¹	28,497	36,765	47,382	10,112	69,278	77,478	84,720	76,033
Average copper yield, percent	1.88	1.63	1.43	1.89	1.20	.93	.92	.91
Smelter output from domestic ore	540,080	604,530	607,195	381,294	900,084	782,726	842,477	757,931
Mine production	544,119	612,275	705,074	380,491	878,086	772,894	834,813	752,750
Imports, unrefined: ²								
Ore (copper content)	82,102	26,023	50,658	7,660	3 11,293	8,858	8,197	6,818
Concentrates (copper content)		23,399	28,435	30,198	3 71,574	48,032	81,301	108,814
Matte and regulus (copper content)	10,511		8,707	2,353	2,733	60,115	10,862	3,657
Unrefined, in bars, pigs, etc.	129,605	122,348	280,285	197,975	278,212	243,101	155,836	152,376
REFINED COPPER PRODUCTION								
New copper (primary)	711,020	763,083	1,078,530	588,805	1,313,556	1,108,599	1,107,446	927,927
Domestic	535,947	591,212	695,612	338,321	927,239	775,728	880,022	695,015
Foreign	176,072	171,371	382,917	250,484	386,317	332,861	247,424	232,912
Secondary copper	94,500	812,460	467,200	448,900	532,046	1,006,516	972,788	713,143
From new scrap	30,000	143,600	125,000	87,200	198,156	509,421	467,324	320,595
From old scrap	64,500	168,960	342,200	361,700	333,800	497,005	505,464	383,548
REFINED COPPER CONSUMPTION								
New copper produced (refinery)	711,020	763,083	1,078,530	588,805	1,313,556	1,108,599	1,107,446	927,927
Refined copper imported ³	(4)	54,372	43,105	18,071	68,337	631,367	249,124	275,811
Refined copper exported	534,158	275,613	334,626	275,006	377,108	6 48,563	6 142,508	6 137,527
Stocks, Dec. 31 (refined)	61,402	329,500	307,500	175,000	91,500	130,000	67,000	61,000
Withdrawn on domestic account:								
New refined copper	366,203	526,019	632,508	441,371	1,008,785	1,415,000	1,214,000	1,072,000
New and old copper	460,700	830,500	1,098,500	890,000	1,541,000	7,912,000	7,179,000	7,145,000

¹ Old tailings included beginning with 1930.

² For immediate consumption plus copper entering under bond.

³ Ore from Philippine Islands included under concentrates.

⁴ Imports of refined copper in ingots, bars, or other forms included in imports of unrefined.

⁵ Includes small exports of unrefined black blister and converter copper (bars, pigs, etc.).

⁶ Excludes refined copper in rods. ⁷ New copper and old scrap only.

Source: Department of Interior, Bureau of Mines; Minerals Yearbook.

No. 811.—COPPER—MINE PRODUCTION, BY STATES: 1910 TO 1949

[In short tons (2,000 pounds) of recoverable copper]

STATE	1910	1920	1930	1935	1940	1945	1948	1949
Total	544,119	612,275	705,074	380,491	878,086	772,894	834,813	752,750
Alaska	2,121	35,218	16,326	7,760	55	5	16	4
Arizona	148,746	279,128	288,095	139,015	281,189	287,203	375,121	350,010
California	24,350	6,313	13,643	977	6,438	6,473	481	649
Colorado	4,180	2,022	5,257	7,327	12,152	1,485	2,298	2,403
Idaho	3,510	1,269	1,556	1,048	3,349	1,548	1,624	1,438
Michigan	111,342	77,348	84,691	32,054	45,198	30,401	27,777	19,606
Missouri		756	88	34	685	3,399	2,370	3,670
Montana	142,404	88,530	98,094	77,479	126,391	88,500	58,252	56,611
Nevada	32,180	25,280	54,602	37,133	78,454	52,595	45,242	38,058
New Mexico	2,307	27,200	32,575	2,263	69,848	56,571	74,087	55,388
Tennessee	8,419	8,364	(1)	(1)	3 12,732	3 12,385	3 14,248	3 13,449
Utah	63,799	58,466	90,263	64,758	231,894	226,376	227,007	107,245
Washington	43	992	603	43	9,612	5,821	5,665	5,275
Other States	710	1,390	19,282	10,620	139	126	25	44

¹ Included under "Other States."

² Includes North Carolina and Pennsylvania.

³ Includes Pennsylvania and Vermont.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 812.—COPPER—SMELTER AND REFINERY OUTPUT: 1850 to 1949

[Quantities in short tons (2,000 pounds); values in thousand of dollars. Smelter output shown here represents production of unrefined copper from domestic (including Alaskan) ores. Figures on refinery output of copper from foreign crude materials (shown as imports in table 810) include copper from foreign materials smelted and refined or only refined in the United States. See also *Historical Statistics*, series G 112-113, for smelter output]

YEARLY AVERAGE OR YEAR	SMELTER OUTPUT FROM DOMESTIC ORE		YEAR	SMELTER OUTPUT FROM DOMESTIC ORE		REFINERY OUTPUT (QUANTITY)				
	Quantity	Value		Quantity	Value	New copper			Secondary copper	
						Total	Domestic	Foreign		
1850	728	320	1926	860,811	243,547	1,161,243	865,649	295,594	479,800	
1860	8,064	3,709	1927	842,020	220,609	1,162,882	859,476	303,406	490,200	
1870	14,112	5,077	1928	912,860	262,930	1,243,804	805,899	347,905	536,400	
1871-1875	17,136	8,895	1929	1,001,432	352,504	1,370,056	991,366	378,690	626,550	
1876-1880	24,976	9,079	1930	697,195	181,271	1,078,530	695,612	382,017	467,200	
1881-1885	68,867	17,236	1931	521,356	94,887	750,721	537,303	213,418	347,000	
1886-1890	105,214	30,345	1932	272,005	34,273	340,434	222,639	117,895	248,180	
1891-1895	169,328	37,266	1933	225,000	28,800	370,789	240,669	130,120	338,100	
1896-1900	265,544	74,424	1934	244,227	39,070	445,360	233,029	212,331	377,400	
1901-1905	366,095	103,589	1935	381,294	63,205	588,805	338,321	250,484	448,900	
1906-1910	490,248	150,924	1936	611,410	112,409	822,489	645,462	177,027	484,600	
1911-1915	610,313	185,602	1937	834,601	201,988	1,006,814	822,253	244,561	532,100	
1916-1920	821,799	305,270	1938	562,328	110,216	702,416	552,574	239,842	339,800	
1921-1925	619,090	171,275	1939	712,675	148,236	1,000,515	704,873	304,642	409,700	
1926-1930	864,682	252,172	1940	909,084	205,453	1,313,556	927,230	386,317	532,046	
1931-1935	328,776	52,066	1941	966,072	227,993	1,395,309	975,408	419,901	726,396	
1936-1940	726,032	155,678	1942	1,087,091	1,255,766	1,414,561	1,064,702	349,769	927,755	
1941-1945	986,621	232,843	1943	1,002,039	1,257,034	1,379,203	1,082,070	207,184	1,086,047	
1946	604,551	222,467	1944	1,003,370	1,236,797	1,221,187	973,852	247,335	950,942	
1921	252,793	65,221	1945	782,729	1,184,723	1,108,599	775,738	332,861	1,006,516	
1922	475,143	128,289	1946	590,656	1,172,701	878,002	578,428	300,233	803,546	
1923	717,500	210,045	1947	862,572	1,360,689	1,159,970	609,213	250,757	961,741	
1924	817,125	214,087	1948	842,477	305,635	1,107,446	860,022	247,424	972,788	
1925	837,436	237,832	1949	757,931	208,625	927,027	695,015	232,912	713,143	

¹ Excludes premiums paid to miners by Government.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 813.—COPPER—EXPORTS AND IMPORTS: 1891 to 1950

[Exports are those classed as "domestic" in foreign trade statistics but include copper smelted or refined in United States from imported ore or unrefined metal. Values include all forms of copper; quantities represent all copper except the small item, "Other manufactures." Copper content of exports of ore for years 1891-1915 and of imports for years 1891-1903 was estimated]

[Quantities in short tons (2,000 pounds); values in thousands of dollars]

YEARLY AVERAGE OR YEAR	EXPORTS		IMPORTS ¹		YEAR	EXPORTS		IMPORTS ¹		
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value	
						Quantity	Value	Quantity	Value	
1891-1895 ²	65,586	14,392	5,477	806	1930	427,570	97,185	230,669	44,230	
1896-1900 ²	137,684	36,745	24,634	5,866	1940	427,044	110,119	364,997	73,402	
1901-1905 ²	190,451	54,942	83,237	22,611	1941	158,906	47,600	720,708	141,789	
1906-1910 ²	289,445	92,334	130,111	38,026	1942	217,082	82,348	782,361	165,307	
1911-1915 ²	416,840	123,655	176,635	46,129	1943	206,010	108,719	736,464	156,514	
1916-1920 ²	376,877	208,909	244,948	103,805	1944	237,521	102,697	764,228	165,470	
1921-1925	438,337	120,761	208,075	77,811	1945	132,592	55,212	890,239	194,672	
1926-1930	491,290	140,099	407,630	108,244	1946	97,513	38,587	355,008	86,384	
1931-1935	246,658	39,020	211,116	20,662	1947	197,114	102,489	452,822	175,820	
1936-1940	378,054	87,680	242,530	47,608	1948 ³	209,494	113,583	480,567	203,042	
1941-1945	208,423	79,333	780,000	104,752	1949 ⁴	171,303	75,769	508,835	224,232	
1938	422,014	86,809	205,718	37,872	1950	174,274	73,262	606,039	243,510	

¹ Imports for consumption; general imports prior to 1933.

² Fiscal years ending June 30.

³ Average for period July 1, 1915, to Dec. 31, 1920.

⁴ Effective January 1948, export data include shipments under Army Civilian Supply Program.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 814.—GOLD AND SILVER—PRODUCTION IN CONTINENTAL UNITED STATES,
ALASKA, PUERTO RICO, AND PHILIPPINE ISLANDS: 1792 to 1949

[Value of gold in terms of money, being at a fixed rate, is not shown in this table. Gold was valued at \$20.67+ per fine troy ounce from 1837 until 1933. In 1933, however, various higher prices prevailed subsequently to Executive order of Aug. 29. Value of gold production for that year, as computed by Bureau of Mines, was \$65,338,000, including \$12,485,000 premium calculated at average weighted price (\$25.56 per ounce). On Jan. 31, 1934, legal value of gold was fixed at \$35 per fine ounce. Value given for silver is commercial value, except for 1921 to June 1923 and for 1934 and subsequent years (see footnotes 1 and 2), for which periods it has differed materially from coinage value. Excludes production of Philippine Islands after 1945. See also *Historical Statistics*, series G 118-121, for data excluding Puerto Rico and the Philippine Islands]

[Figures are totals for period or for year]

CALENDAR YEAR OR PERIOD	Gold (1,000 fine ounces)	Silver (1,000 fine ounces)	Silver, value (1,000 dollars)	CALENDAR YEAR	Gold (1,000 fine ounces)	Silver (1,000 fine ounces)	Silver, value (1,000 dollars)
1792-1847	1,187	310	405	1921	2,422	53,052	1 53,052
1848-1850	4,388	116	152	1922	2,363	56,240	1 56,240
1851-1855	14,271	104	250	1923	2,508	73,335	1 60,135
1856-1860	12,384	309	418	1924	2,529	65,407	43,823
1861-1865	10,716	28,811	38,674	1925	2,412	66,165	46,612
1866-1870	12,226	49,113	65,261	1926	2,335	62,710	39,136
1871-1876	8,826	121,083	156,270	1927	2,197	60,434	34,286
1876-1880	10,301	157,681	182,506	1928	2,233	58,403	34,201
1881-1885	7,730	182,841	202,807	1929	2,208	61,328	32,088
1886-1890	8,078	231,810	227,405	1930	2,286	50,748	10,538
1891-1895	9,107	287,057	227,960	1931	2,396	30,932	8,970
1896-1900	15,720	279,544	172,689	1932	2,449	23,981	6,763
1901-1905	19,394	278,798	159,543	1933	2,556	23,003	8,051
1906-1910	22,903	277,538	162,916	1934	3,091	32,725	21,156
1911-1915	22,968	338,384	180,626	1935	3,609	45,924	23,008
1916-1920	17,246	326,009	298,862	1936	4,357	63,812	2 49,423
1921-1925	12,229	314,190	1,259,162	1937	4,805	71,942	2 55,647
1926-1930	11,250	203,692	159,820	1938	5,090	62,666	2 40,511
1931-1935	14,102	150,565	2 77,948	1939	5,611	65,120	2 44,202
1936-1940	26,860	333,125	2 230,260	1940	6,063	69,586	2 49,488
1941-1945	13,064	234,041	2 166,430	1941	5,976	72,336	2 51,439
1912	4,521	63,707	30,108	1942	3,742	56,001	2 39,887
1913	4,300	66,802	40,348	1943	1,395	40,900	2 29,085
1914	4,573	72,455	40,068	1944	1,022	35,651	2 25,362
1915	4,888	74,901	37,307	1945	929	29,063	2 20,067
1916	4,479	74,415	48,963	1946	1,462	21,108	(*)
1917	4,051	71,740	50,078	1947	2,165	38,587	2 34,923
1918	3,321	67,810	66,485	1948	2,025	39,228	2 35,504
1919	2,919	56,682	63,534	1949	1,922	34,945	2 31,627
1920	2,476	55,362	60,802				

STATE OR OTHER AREA	GOLD (1,000 FINE OUNCES)					SILVER (1,000 FINE OUNCES)				
	1930	1940	1945	1948	1949	1930	1940	1945	1948	1949
Total	2,286	6,003	929	2,025	1,922	50,748	69,586	29,063	39,228	34,945
Alaska	407	757	60	221	227	392	173	9	56	43
Arizona	149	299	78	104	109	4,910	6,130	3,411	4,930	4,978
California	450	1,444	143	424	406	1,434	2,226	960	1,068	703
Colorado	218	369	102	161	102	4,852	9,378	2,407	3,165	2,852
Idaho	21	145	19	64	67	9,710	17,477	8,228	11,621	9,922
Michigan						11	90	20	1	3
Missouri								21	108	58
Montana	47	273	42	75	48	8,597	12,152	5,494	6,644	6,707
Nevada	140	380	91	119	125	4,179	5,102	1,156	1,950	1,873
New Mexico	32	39	13	9	8	1,160	1,570	654	604	516
Oregon	14	114	1	15	15	10	192	12	18	14
South Dakota	406	587	41	378	454	106	171	41	94	106
Texas	(4)	(4)	(4)	(4)	(4)	469	1,295	21	10	5
Utah	209	352	271	384	300	14,451	11,686	6,244	8,451	6,574
Washington	4	84	63	68	60	30	389	288	431	405
Philippine Islands	186	1,140	13	(*)	(*)	121	1,209	17	(*)	(*)
Other	3	20	2	3	2	317	261	90	86	92

1 For 1921, 1922, and first half of 1923, price taken at figure of \$1 per ounce fixed by Pittman Act.

2 Value 1934-37 calculated on basis of average amount per ounce returned to depositors of newly-mined domestic silver; 1934, \$0.641+ per fine ounce; 1935, \$0.71875; 1936, \$0.7745; 1937, \$0.7735. Value thereafter calculated on basis of amount per fine ounce returned to depositors of newly-mined domestic silver produced: In 1938, \$0.6401+; 1939, \$0.6787+; July 1, 1939-46, \$0.7111+; subsequent to July 1, 1946, \$0.905.

3 Not calculated.

4 Less than 500 ounces.

5 Excluded after 1945.

No. 815.—GOLD AND SILVER FOR USE IN MANUFACTURES AND THE ARTS:
1880 TO 1949

YEARLY AVERAGE OR YEAR	GOLD (\$1,000) ¹			SILVER (1,000 FINE OUNCES)		
	Total amount of material issued	Amount of old material returned from use	Net material issued	Total amount of material issued	Amount of old material returned from use	Net material issued
1880	10,105	1,204	8,811	2,794	204	2,500
1881-1885	12,568	1,863	10,706	4,155	315	3,840
1886-1890	16,041	4,020	12,012	5,662	676	4,986
1891-1895	16,508	5,060	11,448	7,997	951	7,046
1896-1900	16,065	4,067	12,899	10,214	1,200	9,014
1901-1905	28,496	6,778	21,718	10,526	3,002	16,524
1906-1910	38,149	7,708	30,441	24,553	3,669	20,881
1911-1915	40,588	9,067	30,621	30,444	6,028	23,516
1916-1920	61,864	22,033	39,831	31,214	9,120	22,089
1921-1925	59,606	29,275	30,321	36,805	8,180	28,616
1926-1930	55,197	30,460	24,747	38,461	10,325	28,137
1931-1935	21,288	41,389	20,101	33,031	20,353	13,278
1936-1940	36,543	32,393	4,150	52,481	21,240	31,232
1941-1945	100,690	25,323	75,376	149,455	41,794	107,602
1946	41,178	27,872	13,306	67,063	22,564	44,499
1947	67,977	30,975	37,002	92,794	20,285	72,500
1948	75,742	28,448	47,295	131,419	30,021	101,399
1949	96,804	10,521	86,343	162,113	44,113	118,000
1950	122,977	25,679	97,298	176,289	56,189	120,100
1951	139,036	30,902	108,944	184,661	58,361	126,300
1952	199,687	46,000	153,687	123,047	36,647	87,000
1953	98,130	49,230	48,900	126,366	27,866	98,500
1954	90,129	45,143	44,986	129,186	23,897	105,289
1955	148,075	40,133	108,842	110,600	22,660	88,000

¹ Value prior to 1934 calculated on basis of \$20.67 per fine ounce; in 1934 and thereafter, \$35.00 per fine ounce.

² Amount of old material returned from use exceeds total amount of material issued.

Source: Treasury Department, Bureau of the Mint; Annual Report of the Director.

No. 816.—IRON ORE—PRODUCTION, SHIPMENTS, EXPORTS, AND IMPORTS, 1881 TO 1949, AND PRODUCTION, BY DISTRICT AND KIND, 1945 TO 1949

[In thousands of long tons (2,240 pounds). Nearly all exports are to Canada. Since 1905, excludes ore containing 5 percent or more of manganese. See also *Historical Statistics*, series G 93-95, for production and shipments.]

YEARLY AVERAGE OR YEAR	Production	Shipments ¹	Exports	Imports	PRODUCTION	1945	1946	1947	1948	1949
DISTRICT										
1881-1890	10,385	(2)	(2)	766	Lake Superior	74,821	50,042	76,532	82,630	68,404
1891-1900	17,551	(2)	(2)	587	Southeastern	6,330	6,247	7,527	8,365	7,002
1901-1910	41,339	(2)	271	1,180	Northeastern	3,620	2,506	3,987	4,423	3,864
1911-1915	51,891	.50,502	963	1,841	Western	3,088	2,451	4,503	5,105	4,441
1916-1920	69,737	70,224	1,143	967	Undistributed (by-product ore)	517	507	543	480	536
1921-1925	52,420	52,617	677	1,691						
1926-1930	64,600	64,952	1,021	2,700	KIND					
1931-1935	22,732	23,538	389	1,166	Hematite	81,295	65,728	84,535	90,686	76,262
1936-1940	54,951	56,054	989	2,338	Brown ore	943	686	1,201	2,176	1,546
1941-1945	96,336	66,356	2,214	1,023	Magnetic	5,621	3,921	6,812	7,661	6,593
1946	28,447	26,431	592	2,122	Carbonate	1	1			
1947	51,732	54,827	1,057	2,413	Byproduct material (pyrites cinder and sinter)	517	507	543	480	536
1948	73,606	75,198	1,386	2,470						
1949	92,410	93,054	1,908	2,321						
1950	105,526	105,980	2,515	731						
1951	101,248	90,463	2,425	390						
1952	94,118	95,136	2,158	464						
1953	88,376	88,137	2,083	1,198						
1954	70,843	70,090	1,500	2,754						
1955	93,092	93,315	2,811	4,890						
1956	101,003	100,822	3,081	6,100						
1957	84,037	84,687	2,425	7,402						

¹ Excludes ore sold for paint.

² Not available.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 817.—LEAD—PRODUCTION OF REFINED PRIMARY AND SECONDARY LEAD,
1830 TO 1949, AND BY CLASS AND SOURCE, 1880 TO 1949

[Production in short tons (2,000 pounds); values, except price per pound, in thousands of dollars. Figures, except those for antimonial and secondary lead, relate to new (primary) lead only; totals include lead derived from both domestic (including Alaska) and foreign ore. General production figures and production of desilverized lead exclude lead content of antimonial lead, shown in next to last column. See also *Historical Statistics*, series G 114-115, for data on production and value excluding foreign base bullion]

YEAR	Production	Value	YEAR	Production	Value	YEAR	Production	Value
1830	8,000	608	1900	367,773	32,364	1940	532,179	53,318
1840	17,000	1,668	1905	388,307	36,501	1943	460,612	60,110
1850	22,000	2,112	1910	470,272	41,384	1944	464,703	50,190
1860	15,000	1,778	1915	650,055	51,705	1945	433,585	50,780
1870	17,830	2,247	1920	529,667	84,745	1946	338,197	50,820
1880	95,725	9,573	1925	766,069	138,453	1947	441,010	126,130
1890	157,844	14,206	1930	643,033	64,303	1948	406,694	145,600
1895	235,822	15,093	1935	324,560	26,065	1949	477,338	150,840

YEAR	CLASS		SOURCE			Average value per pound	Anti- monial lead, at primary refineries	Sec- ondary lead recovered, total
	Desilverized ¹	Soft undesilver- ized ²	Domestic ores and bullion ³	Foreign ores	Foreign base bullion			
1880	68,035	27,690	95,725			\$0.050	(4)	
1890	126,403	31,351	139,720	18,124		.046	(4)	
1900	310,752	48,021	260,918	100,855		.044	(4)	
1910	328,954	141,318	375,402	18,065	76,805	.044	(4)	55,422
1920	339,803	189,854	476,849	8,414	44,394	.080	(4)	124,650
1930	441,672	201,361	573,740	34,348	34,945	.060	29,797	255,800
1935	237,777	66,783	310,508	13,669	896	.040	16,384	270,200
1940	379,566	163,323	433,065	83,563	16,551	.060	29,762	260,346
1943	(4)	(4)	406,544	62,936	132	.084	63,515	342,094
1944	(4)	(4)	394,443	70,226	95	.064	57,902	331,416
1945	(4)	(4)	356,535	86,932	118	.064	56,495	363,039
1946	(4)	(4)	293,309	44,790	98	.084	50,480	302,787
1947	(4)	(4)	381,109	50,838	63	.143	86,075	511,970
1948	(4)	(4)	339,413	60,820	0,452	.179	100,794	500,071
1949	(4)	(4)	404,449	71,413	1,476	.158	41,402	412,183

¹ Desilverized soft lead is included.

² Soft lead, both desilverized and undesilverized, includes lead derived from Missouri ores and other non-argentiferous ores.

³ Excludes lead content of antimonial lead.

⁴ Not available.

No. 818.—LEAD, RECOVERABLE—MINE PRODUCTION, BY STATES AND FOR ALASKA:
1920 TO 1949

[In short tons (2,000 pounds)]

STATE	1920	1925	1930	1935	1940	1945	1947	1948	1949
Total	496,814	684,439	558,313	331,103	457,392	390,831	384,221	390,476	409,908
Western States and Alaska	248,181	364,387	312,413	193,439	244,974	184,152	221,367	252,166	243,000
Alaska	875	780	1,365	870	779	11	264	320	51
Arizona	6,935	11,938	4,246	7,783	13,266	22,867	28,560	29,809	33,583
Colorado	23,315	31,483	22,130	5,673	11,476	17,044	18,696	25,143	26,553
Idaho	118,555	126,521	134,058	70,020	104,834	68,447	78,944	88,544	79,299
Montana	14,546	18,765	10,653	15,589	23,036	9,000	16,108	18,411	17,896
Nevada	10,100	12,288	11,529	12,676	7,499	6,276	7,161	9,777	10,326
New Mexico	1,435	3,210	10,378	7,289	3,822	7,652	6,383	7,553	4,652
Utah	60,808	168,338	115,495	63,510	75,088	40,817	49,698	55,050	53,072
Washington	2,749	2,814	576	103	2,556	3,802	5,359	7,147	6,417
Other	2,413	3,294	1,983	1,126	2,019	7,228	10,178	9,303	10,466
Central States	246,780	317,375	237,533	182,682	207,587	201,520	157,543	132,386	162,021
Kansas	16,452	22,775	12,010	10,892	11,027	7,370	7,285	8,386	9,772
Missouri	161,812	211,566	190,632	97,493	172,032	176,575	132,246	102,288	127,522
Oklahoma	64,086	70,946	23,052	21,405	21,240	12,664	14,289	16,918	19,553
Other	4,430	3,088	1,930	892	2,365	4,911	3,728	4,704	4,869
Eastern States	1,103	2,677	8,367	4,982	4,831	5,159	5,321	5,934	4,887
New York	1,880	448	8,367	4,982	1,973	862	1,496	1,231	1,317
Tennessee					578	54	22		257
Virginia		2,229			2,285	4,243	3,808	4,703	3,813

¹ Includes small quantities produced in Massachusetts, Pennsylvania, and Georgia.

Source of tables 817 and 818: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 819.—ZINC—PRODUCTION OF ORE, BY STATES, SMELTER PRODUCTION, AND PRIMARY SLAB ZINC AVAILABLE FOR CONSUMPTION: 1920 TO 1949

[All quantity figures in short tons (2,000 pounds); values in thousands of dollars. Excess of mine production over smelter production is due chiefly to export of ore. See also *Historical Statistics*, series G 116 for smelter production of primary zinc]

ITEM	1920	1925	1930	1935	1940	1945	1948	1949
Mine production (recoverable zinc content of ore)	587,524	710,847	595,425	517,903	665,068	614,358	629,977	593,203
Arizona	729	8,066	815	3,337	15,450	40,226	54,478	70,668
Colorado	24,395	30,811	30,259	21,202	5,060	35,773	45,164	47,703
Idaho	13,966	15,619	37,649	31,053	70,601	83,463	86,267	76,555
Kansas	61,073	118,778	74,304	54,110	57,032	48,394	35,577	29,433
Missouri	24,509	14,794	10,811	7,263	12,708	22,175	6,463	5,911
Montana	92,169	57,658	26,421	54,781	52,587	17,403	59,005	54,195
Nevada	5,349	7,411	14,584	15,536	11,833	21,457	20,288	20,443
New Jersey	78,511	80,261	97,026	85,708	91,406	81,302	76,332	50,984
New Mexico	5,007	9,246	32,765	22,126	30,313	40,205	41,502	29,346
New York	5,654	5,168	22,471	23,720	35,686	24,978	34,506	37,073
Oklahoma	219,727	283,371	136,183	129,763	162,935	69,300	43,821	44,033
Tennessee	19,217	16,256	148,147	148,832	51,723	149,809	146,406	142,954
Utah	4,079	20,306	44,495	31,107	43,788	33,630	41,400	40,670
Washington	213	600	352	1	11,500	11,692	12,638	10,740
Wisconsin	27,285	20,280	12,558	8,028	5,770	15,561	7,864	5,205
Other States	5,641	11,673	15	441	6,615	18,719	19,026	26,310
Smelter production (excluding remelted secondary zinc)	484,748	612,127	532,894	449,284	724,192	313,803	850,084	869,823
Primary zinc:	463,877	572,946	498,045	420,634	676,275	704,561	787,764	814,782
From domestic ore	450,045	565,031	489,361	412,184	589,988	467,084	537,900	501,451
From foreign ore	13,332	17,315	8,084	8,450	85,287	207,477	249,708	223,328
Secondary, redistilled	21,371	39,181	34,849	28,650	48,917	40,242	62,320	55,041
Value of primary product from domestic ore (\$1,000)	72,907	84,456	46,979	36,272	74,338	480,338	143,009	146,081
Primary slab zinc:								
Supply, total	500,170	503,700	584,230	549,861	775,471	1,094,721	948,042	960,886
Stock at smelters, Jan. 1	36,798	20,754	85,004	124,783	83,728	233,044	67,016	10,179
Production	463,377	572,946	498,045	420,634	675,275	704,561	787,764	814,782
Imports for consumption	(*)		281	4,444	6,10,468	6,07,116	6,03,232	6,120,025
Deductions:								
Exports	102,178	76,351	4,633	1,617	70,091	7,782	65,537	58,700
Stock at smelters, Dec. 31	71,037	18,080	167,208	90,589	10,212	254,692	19,170	90,787
Apparent deliveries to domestic consumers	326,955	504,260	412,304	457,705	677,168	826,627	(*)	(*)

¹ Includes Virginia.

² From Mexico in 1935; from Mexico, Canada, Newfoundland, and Peru in 1940; and from Mexico, Canada, Australia, Peru, Newfoundland, Argentina, and Bolivia in 1945.

³ Includes small quantity of secondary electrolytic zinc.

⁴ Excludes premiums paid to miners by Government.

⁵ Less than one-half of 1 ton.

⁶ General imports.

⁷ Not available.

No. 820.—ZINC, PRIMARY—SMELTER PRODUCTION FROM DOMESTIC ORE: 1875 TO 1949

[Quantities in short tons (2,000 pounds); values in thousands of dollars]

YEARLY AVERAGE OR YEAR	Quantity	Value ¹	YEARLY AVERAGE OR YEAR	Quantity	Value ¹	YEAR	Quantity	Value ¹
1875	15,833	2,217	1921-1925	426,261	56,140	1940	550,988	74,338
1880 ²	23,239	2,277	1926-1930	576,395	73,119	1941	652,509	97,890
1885	40,688	3,540	1931-1935	314,541	25,432	1942	629,957	109,613
1886-1890	54,285	5,219	1936-1940	512,004	57,610	1943	594,250	102,211
1891-1895	82,396	6,737	1941-1946	583,660	4,97,772	1944	674,453	98,806
1896-1900	109,963	10,180	1935	412,184	86,272	1945	467,084	80,638
1901-1905	169,504	17,067	1936	491,803	49,180	1946	459,208	48,178
1906-1910	219,378	24,165	1937	551,165	71,651	1947	610,058	100,152
1911-1915	346,807	52,416	1938	436,007	41,857	1948	537,966	143,090
1916-1920	508,731	99,812	1939	491,058	51,070	1949	591,454	146,081

¹ Values at New York prices through 1907; at St. Louis prices, 1908 to 1914; at average price of all grades, 1915 and later years.

² Computed at yearly average of high and low monthly prices at New York.

³ Census year ended May 31. ⁴ Excludes premiums paid to miners by the Government.

Source of tables 819 and 820: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 821.—COAL—PRODUCTION, 1821 TO 1949, AND BY STATES, 1926 TO 1949

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars. Figures relate to mines having an output of 1,000 tons or more a year for 1919, 1921, 1924 and subsequent years. Includes coal consumed at mines. Figures for anthracite relate to Pennsylvania output only; those for bituminous relate to continental United States and Alaska. Bituminous coal includes lignite and small amounts of anthracite outside Pennsylvania. Comparatively little coal is held in stock at the mines. See also *Historical Statistics*, series G 13-18]

YEAR OR YEARLY AVERAGE	QUANTITY			YEAR	QUANTITY			VALUE		
	Total	Anthracite	Bituminous		Total	Anthracite	Bituminous	Anthracite	Bituminous ¹	
1821-1830	140	66	75	1920	657,804	84,437	573,367	474,184	1,183,412	
1831-1840	1,032	722	310	1927	697,860	80,096	517,763	420,942	1,029,657	
1841-1850	4,535	2,697	1,887	1928	576,008	75,348	500,745	393,638	933,774	
1851-1860	12,513	7,645	4,868	1929	608,817	73,828	521,989	385,043	952,781	
1861-1865	20,588	11,142	9,396	1930	536,911	60,385	467,526	354,574	795,483	
1866-1870	31,706	16,281	15,425	1931	441,735	50,646	392,080	206,355	588,806	
1871-1875	52,170	23,407	28,773	1932	369,568	49,855	309,710	222,375	406,677	
1876-1880	62,261	25,800	36,461	1933	383,172	49,541	333,631	206,718	446,788	
1881-1885	107,291	36,198	71,093	1934	416,536	57,108	359,308	244,152	628,383	
1886-1890	138,398	43,952	94,446	1935	424,532	52,159	372,373	210,131	658,063	
1891-1895	178,822	53,405	125,416	1936	493,668	54,580	430,088	227,004	770,955	
1896-1900	227,123	55,625	171,408	1937	497,387	51,866	445,531	197,599	864,042	
1901-1905	339,357	66,554	272,503	1938	304,044	46,099	348,545	180,600	678,653	
1906-1910	454,555	81,142	373,413	1939	416,342	51,487	394,565	187,175	728,348	
1911-1915	529,189	89,233	439,956	1940	512,257	51,485	460,772	205,490	879,327	
1916-1920	626,386	92,741	533,645	1941	570,517	56,368	514,149	240,275	1,125,363	
1921-1925	558,947	77,648	481,209	1942	643,021	60,328	582,693	271,673	1,373,991	
1926-1930	595,497	76,619	518,878	1943	650,821	60,644	590,177	306,816	1,584,644	
1931-1935	405,108	53,674	361,434	1944	688,277	63,701	619,576	354,583	810,001	
1936-1940	468,860	51,101	417,758	1945	632,651	54,984	577,617	323,944	1,768,204	
1941-1945	636,037	59,195	576,843	1946	594,429	60,507	533,922	413,417	1,835,536	
1923	657,904	92,339	564,565	1947	687,814	57,190	630,624	418,019	2,622,636	
1924	571,618	87,027	483,687	1948	656,658	57,140	599,518	407,052	2,993,164	
1925	581,870	61,817	520,053	1949	480,670	42,702	437,868	358,008	2,136,871	

STATE	1926-1930	1931-1935	1936-1940	1941-1945	1945	1946	1947	1948	1949
Total quantity	595,497	405,108	468,860	636,037	632,551	594,429	687,814	656,658	480,570
Anthracite (Pa.)	76,619	53,674	51,101	59,195	54,934	60,507	57,190	57,140	42,702
Bituminous	518,878	351,434	417,758	576,843	577,017	533,922	630,624	590,518	437,868
Alabama	18,380	9,282	12,620	17,783	18,236	16,183	19,048	18,801	12,934
Arkansas	1,579	1,012	1,387	1,821	1,854	1,631	1,871	1,662	962
Colorado	9,666	5,711	6,435	7,830	7,021	5,014	6,358	5,631	4,036
Illinois	57,310	40,198	48,367	68,442	73,011	63,466	67,860	65,342	47,208
Indiana	18,467	14,386	17,232	25,216	25,183	21,697	25,449	23,849	16,550
Iowa	8,879	3,492	3,376	2,560	2,046	1,788	1,684	1,670	1,725
Kansas	3,215	2,270	2,949	3,654	3,228	2,493	2,745	2,538	2,031
Kentucky	61,116	38,130	44,970	64,020	69,593	66,553	84,241	82,084	62,583
Maryland	2,700	1,664	1,406	1,864	1,763	2,003	2,051	1,661	668
Michigan	705	492	510	195	126	80	14	13	-----
Missouri	3,538	3,624	3,577	3,947	3,083	3,738	4,236	4,023	3,647
Montana	3,139	2,306	2,871	4,245	4,467	3,723	3,178	2,898	2,706
New Mexico	2,612	1,388	1,373	1,600	1,484	1,280	1,443	1,364	1,004
North Dakota	1,622	1,750	2,161	2,447	2,522	2,555	2,760	2,961	2,987
Ohio	21,111	19,161	22,188	32,190	32,737	32,314	37,548	35,708	30,931
Oklahoma	3,346	1,368	1,444	2,623	2,009	2,647	3,421	3,462	3,022
Pennsylvania	137,038	86,592	101,566	138,876	132,065	125,497	147,070	134,542	89,215
Tennessee	5,544	4,062	5,197	7,184	6,271	5,618	6,258	6,483	4,172
Texas	1,107	738	816	200	280	256	261	257	249
Utah	4,683	2,846	3,873	6,012	6,679	5,994	7,429	6,813	6,100
Virginia	12,521	8,923	13,324	19,121	17,235	15,527	20,171	17,900	14,584
Washington	2,513	1,555	1,744	1,641	1,357	991	1,118	1,220	889
West Virginia	136,315	95,748	112,032	154,335	152,035	144,020	176,157	168,862	122,610
Wyoming	6,528	4,645	5,617	8,664	8,847	7,635	8,051	6,412	6,001
Other States and Alaska	246	201	238	374	385	521	393	463	514

¹ Excludes selling expenses through 1936 and for 1939. Data for other years include selling expenses.

² Lignite only.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook. Current data also published in annual report, Bituminous Coal and Lignite.

No. 822.—COAL—EXPORTS, IMPORTS, AND BUNKER COAL LADEN ON VESSELS IN FOREIGN TRADE: 1891 TO 1950

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars]

YEARLY AVERAGE OR YEAR	TOTAL EXPORTS ¹		ANTHRACITE EXPORTS		BITUMINOUS EXPORTS ¹		TOTAL IMPORTS ²		BUNKER COAL	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1891-1895 ³	8,391	10,012	1,263	4,929	2,128	5,081	1,385	3,984	-----	-----
1896-1900 ³	5,275	13,300	1,645	6,268	3,630	7,032	1,671	3,831	-----	-----
1901-1905 ³	8,680	24,264	2,068	8,782	0,611	15,472	2,561	6,376	-----	-----
1906-1910 ⁴	13,460	36,805	2,064	13,034	10,497	23,770	1,934	4,530	6,315	\$18,201
1911-1915 ⁵	21,428	58,362	4,203	19,624	17,224	38,738	1,609	4,069	8,164	23,890
1916-1920	30,419	151,356	5,205	32,960	25,215	18,390	1,400	5,788	8,276	43,075
1921-1925	22,234	124,958	3,922	33,476	18,312	85,482	2,053	11,364	5,497	31,588
1926-1930	23,881	116,067	3,330	32,750	20,551	82,308	969	5,717	4,875	23,126
1931-1935	11,523	47,942	1,404	12,487	10,118	36,455	763	4,295	1,551	6,709
1936-1940	14,622	62,006	2,152	16,867	12,461	45,828	661	3,327	1,541	7,370
1941-1945	28,660	165,606	3,907	36,167	24,702	119,528	628	3,009	1,644	10,132
1946	31,647	184,380	3,601	36,435	27,956	147,954	468	2,205	1,785	11,911
1946	47,706	301,931	6,497	62,844	41,209	238,087	444	2,308	1,381	9,894
1947	77,177	618,919	8,510	60,220	68,687	528,700	300	1,613	1,680	13,971
1948 ⁶	52,606	479,029	6,676	86,203	46,930	392,826	292	2,010	1,057	9,855
1949 ⁶	32,788	297,179	4,943	64,786	27,842	232,393	315	2,368	874	8,330
1950 ⁶	20,300	260,195	3,802	62,059	25,468	206,545	305	2,625	717	6,723

¹ Not including fuel or bunker coal laden on vessels engaged in foreign trade.

² Imports for consumption, general imports prior to 1933. Including lignite, slack, and culm.

³ Fiscal years ending June 30. ⁴ Average, July 1, 1905-Dec. 31, 1910.

⁵ Not including data for coal laden on vessels on Great Lakes in 1906, 1907, and 1908.

⁶ Effective January 1948, export data include shipments under Army Civilian Supply Program.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 823.—COAL—SHIPMENTS, VALUE, AND EMPLOYMENT IN MINES: 1890 TO 1949

[See also *Historical Statistics*, series G 10-42, for items other than disposition of coal produced]

CALENDAR YEAR	DISPOSITION OF COAL PRODUCED THOUSAND TONS (2,000 POUNDS)				Average value per ton at mines ¹	Average number of men employed	Average number of days worked	AVERAGE TONNAGE PER MAN		Capacity of mines ³ (million tons ⁴)
	Loaded for shipment	Sold locally	Used by mines	Made into coke at mines				Per day	Per year	
ANTHRACITE										
1890	41,011	2,001	3,457	-----	\$1.43	126,000	200	1.85	360	(5) 71
1895	52,093	1,315	4,501	-----	1.41	142,917	196	2.07	406	(6) 90
1900	50,710	1,208	5,550	-----	1.49	144,200	166	2.40	398	(6) 105
1905	69,053	1,571	7,036	-----	1.83	165,406	215	2.18	470	(6) 110
1910	73,623	2,021	8,841	-----	1.90	169,497	220	2.17	498	(6) 112
1915	70,906	2,002	9,997	-----	2.07	176,552	230	2.10	504	1.5 118
1920	76,844	2,897	9,858	-----	4.85	145,074	271	2.28	618	1.1 101
1925	53,768	2,885	5,104	-----	5.30	160,312	182	2.12	386	1.6 103
1930	61,202	3,144	6,038	-----	5.11	150,804	208	2.21	480	2.0 90
1935	46,538	2,875	2,746	-----	4.03	103,269	189	2.08	505	3.5 84
1940	46,176	3,053	2,256	-----	3.99	91,313	186	3.02	582	3.5 84
1945	48,542	4,274	2,118	-----	5.90	72,842	269	2.79	751	2.2 62
1949	50,483	4,796	1,861	-----	8.17	76,215	265	2.81	745	1.8 65
1949	37,089	3,848	1,164	-----	8.38	75,377	195	2.87	560	1.3 66
BUTUMINOUS										
1890	87,373	7,008	1,607	15,332	.99	102,204	226	2.56	570	6 5.3 151
1895	106,287	8,340	2,086	18,404	.86	239,962	104	2.90	563	7 11.9 216
1900	173,072	7,888	8,740	27,035	1.04	304,375	234	2.98	697	24.9 281
1905	255,201	10,639	7,007	42,412	1.06	460,629	211	3.24	684	32.8 459
1910	342,969	12,287	9,668	52,187	1.12	555,533	217	3.46	751	41.7 592
1915	379,877	12,364	9,709	40,595	1.13	557,456	203	3.01	794	55.0 671
1920	604,873	21,289	11,896	30,008	3.75	639,647	220	4.00	881	59.8 708
1925	477,173	21,351	5,776	15,753	2.04	588,493	195	4.52	884	70.0 823
1930	437,399	22,121	3,993	4,014	1.70	493,202	187	5.06	948	77.5 770
1935	338,069	29,734	3,103	1,468	1.77	462,403	179	4.50	808	78.8 640
1940	409,881	44,403	2,443	4,045	1.91	439,075	202	5.19	1,049	80.1 703
1945	618,020	51,248	2,442	5,907	8.06	383,100	261	5.78	1,508	73.5 682
1948	524,929	58,260	(5)	(5)	4.99	541,631	217	6.26	1,358	76.7 851
1949	378,430	47,787	(6)	(6)	4.88	433,698	157	6.43	1,010	75.8 859

¹ Figures for bituminous coal represent average value per ton less selling expense (Bur. of Mines series) prior to 1937; thereafter, average gross realization including selling expense (Bit. Coal Div. series).

² Based on total production as shown in table 821.

³ Calculated at 303.5 working days in the anthracite field and 308 working days in the bituminous field.

⁴ Of 2,000 pounds. ⁵ Not available. ⁶ 1891. ⁷ 1896. ⁸ Average number of men working daily.

Source: Department of Interior, Bureau of Mines; Minerals Yearbook. Current data also published in annual report, Bituminous Coal and Lignite.

No. 824.—CONSUMPTION OF BITUMINOUS COAL AND LIGNITE, BY CONSUMER CLASS,
WITH RETAIL DELIVERIES: 1940 TO 1949

[In thousands of short tons]

YEAR	Total of classes shown	Col- liery fuel	Electric power utili- ties ¹	Bunker, foreign trade ²	Rail- roads (class I) ³	COKE			Steel and rolling mills	Coal- gas re- tors	Cement mills ⁴	Other indus- trial ⁵	Retail- dealing deliv- eries ⁶
						Bee- hive ovens	By- prod- uct ovens	Steel and rolling mills					
1940	480,910	2,443	49,126	1,426	85,130	4,803	76,583	10,040	1,746	5,632	106,280	87,700	
1941	492,115	2,489	59,888	1,643	97,384	10,529	82,609	10,902	1,659	6,832	120,720	97,460	
1942	540,050	2,708	63,472	1,585	115,410	12,876	87,974	10,434	1,721	7,570	131,550	104,750	
1943	593,797	2,702	74,036	1,647	130,283	12,441	90,010	11,238	1,605	5,851	141,211	122,764	
1944	589,599	2,712	76,656	1,559	132,049	10,858	94,438	10,734	1,545	3,789	130,353	124,906	
1945	559,507	2,442	71,603	1,785	125,120	8,135	87,214	10,084	(*)	4,215	127,164	121,805	
1946	600,336	1,051	68,743	1,381	110,168	7,167	76,121	8,603	(*)	7,009	118,659	100,586	
1947	543,402	(*)	86,009	1,689	109,206	10,475	94,325	10,048	(*)	7,938	124,459	99,163	
1948	519,000	(*)	95,620	1,067	94,888	10,322	96,984	10,046	(*)	8,554	112,741	89,747	
1949	445,638	(*)	80,610	874	68,123	5,354	85,882	7,451	(*)	7,988	98,057	90,209	

¹ Federal Power Commission. Represents consumption by public-utility power plants in power generation, including a small quantity of coke amounting to approximately 100,000 tons annually.

² U. S. Bureau of Census.

³ Association of American Railroads. Represents consumption by class I railways for all uses, including locomotive, powerhouse, shop, and station fuel. The I. C. C. reports that in 1949 consumption for all uses by class I line-haul railroads, plus purchases for class II and class III railways, plus purchases by all switching terminal companies combined, was 71,492,131 tons of bituminous coal and lignite.

⁴ Includes small amount of anthracite.

⁵ Estimates based upon reports collected from a selected list of representative manufacturing plants and retailers.

⁶ Included in "Other industrials."

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 825.—WORK STOPPAGES IN ANTHRACITE AND BITUMINOUS COAL MINING INDUSTRIES, BY MAJOR ISSUES INVOLVED: 1938 TO 1950

[Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Figures are for stoppages beginning in years shown. For combined statistics covering work stoppages in all industries, see table 245, p. 206.]

COAL-MINING INDUSTRY AND YEAR	NUMBER OF WORK STOPPAGES ¹			NUMBER OF WORKERS INVOLVED ²			NUMBER OF MAN-DAYS IDLE					
	Total	Major issues		Total	Major issues		Total	Major issues				
		Wages and hours	Union or- ganiza- tion ²		Wages and hours	Union organ- iza- tion ²		Wages and hours	Union organi- za- tion ²			
		Mis- cel- la- ne- ous			Mis- cel- la- ne- ous			Mis- cel- la- ne- ous				
Anthracite:												
1938	17	4	3	10	26,410	2,316	5,325	18,775	357,884	35,101	181,577	141,086
1939	25	3	5	17	22,664	2,813	1,057	18,794	77,900	3,773	15,271	55,865
1940	25	1	3	21	17,355	2,162	2,308	14,985	105,309	406	30,470	74,433
1941	27	5	1	21	136,888	62,557	1,552	42,770	423,209	97,023	6,208	320,068
1942	31	10	—	21	36,152	19,142	—	17,011	225,021	148,460	—	77,461
1943	30	12	—	18	117,623	88,296	—	20,327	1,393,486	1,552,467	—	284,029
1944	61	18	1	42	40,624	14,278	6,730	19,616	326,922	209,084	43,590	74,278
1945	43	18	—	28	87,700	74,500	—	13,200	1,163,000	1,103,000	—	55,000
1946	34	5	1	28	109,000	81,700	20	27,500	649,000	545,000	310	104,000
1947	28	6	—	22	21,300	6,520	—	14,800	159,000	105,000	—	63,800
1948	26	5	1	20	54,500	5,710	20	48,800	274,000	33,000	100	241,000
1949	34	8	—	25	218,000	72,500	—	145,000	1,400,000	600,000	—	799,000
1950	41	13	—	28	22,200	11,200	—	10,900	80,100	27,700	—	52,400
Bituminous:										—	—	—
1938	27	6	10	11	9,505	2,196	2,324	4,985	132,855	8,422	24,151	100,282
1939	25	2	11	12	355,383	1,102	346,524	7,757	7,302,556	22,243	7,101,984	88,329
1940	34	4	10	20	24,372	272	3,451	20,849	153,296	15,054	16,214	121,128
1941	75	19	13	43	593,352	383,829	63,180	146,343	6,747,886	5,889,678	710,220	448,088
1942	96	25	11	60	43,774	15,551	3,187	25,086	264,468	134,100	15,632	114,736
1943	400	177	17	206	487,474	423,801	8,137	60,530	7,610,397	7,247,829	23,141	239,427
1944	792	208	52	532	229,907	50,918	46,207	132,782	1,050,341	207,859	266,646	581,836
1945	698	144	49	399	681,500	203,100	238,500	139,400	6,007,000	984,000	3,308,000	713,000
1946	486	102	42	341	834,000	708,000	10,300	116,000	19,500,000	18,800,000	142,000	512,000
1947	416	74	22	319	490,000	20,400	347,000	122,000	2,190,000	184,000	1,550,000	450,000
1948	561	82	42	437	582,000	337,000	51,900	102,000	9,560,000	8,230,000	438,000	900,000
1949	421	50	27	344	1,130,000	345,000	3,000	780,000	16,700,000	12,400,000	39,800	4,220,000
1950	430	54	34	342	105,000	27,500	6,230	131,000	9,320,000	8,810,000	52,100	456,000

¹ Formerly designated "strikes and lockouts."

² Wages and hours were important issues also in some of these disputes. This is especially true in recent years.

³ Includes some duplication (where same workers were involved in more than 1 stoppage). This is particularly significant in 1949, since over 60,000 anthracite miners and over 300,000 bituminous coal miners were involved in 3 separate stoppages during year.

Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 651, Strikes in the United States, 1880-1936; annual bulletins on work stoppages, and official records.

No. 826.—COKE—PRODUCTION, EXPORTS, AND IMPORTS: 1896 TO 1949

[See also *Historical Statistics*, series G 43-56]

YEARLY AVERAGE OR YEAR	PRODUCTION IN THOUSANDS OF SHORT TONS (2,000 POUNDS)			Over coke, percent of total	Production (value) in thou- sands of dollars	EXPORTS	IMPORTS ¹
	Total	Beehive coke	Oven coke			Thousands of short tons (2,000 pounds)	Thousands of short tons (2,000 pounds)
1890-1900	16,265	15,741	524	3.2	30,203	265	54
1901-1905	26,673	23,506	2,107	8.2	58,581	519	150
1906-1910	36,848	31,296	5,552	15.1	91,068	604	150
1911-1915	40,304	29,000	11,394	28.2	103,730	807	98
1916-1920	52,420	27,733	24,606	47.1	320,709	1,182	34
1921-1925	42,085	11,026	31,959	74.4	251,967	734	90
1926-1930	53,724	6,687	47,037	87.6	262,212	1,027	171
1931-1935	29,965	927	29,038	96.9	146,036	716	171
1936-1940	40,500	2,042	44,467	95.8	229,455	616	201
1941-1945	60,756	7,020	62,736	90.0	468,232	978	118
1937	52,375	3,165	49,211	94.0	261,004	527	286
1938	32,496	837	31,658	97.4	167,182	487	135
1939	44,327	1,444	42,882	98.7	212,884	690	142
1940	57,072	3,058	54,014	94.6	273,832	804	113
1941	66,187	6,704	58,483	89.7	362,067	700	268
1942	70,569	8,274	62,295	88.3	425,614	840	100
1943	71,676	7,933	63,743	88.9	476,117	905	98
1944	74,038	6,973	67,065	90.6	527,922	867	63
1945	67,208	5,214	62,094	92.3	508,540	1,479	52
1946	68,498	4,568	63,929	92.2	486,729	1,231	52
1947	73,446	6,687	66,759	90.9	770,406	836	104
1948	74,862	6,578	68,284	91.2	928,282	707	161
1949	63,637	3,415	60,222	94.6	842,733	548	278

¹ Before 1934, figures represent general imports; thereafter, imports entered for consumption.

No. 827.—COKE—OVEN AND BEEHIVE PRODUCTION, BY STATES: 1915 TO 1949.

[In thousands of short tons (2,000 pounds). Exclusive of screenings or breeze]

STATE	1915	1920	1925	1930	1935	1940	1945	1947	1948	1949
OVEN										
Total										
Alabama	14,073	30,834	39,912	45,196	34,224	54,014	62,094	66,759	68,284	60,222
Colorado	2,070	3,124	4,582	3,987	1,904	4,727	5,401	5,870	6,015	5,161
Illinois	517	400	379	207	544	639	880	977	730	
Indiana	1,687	2,137	3,012	3,576	1,660	3,015	3,682	3,805	3,675	3,196
Maryland	2,768	4,554	5,142	4,984	3,768	6,413	7,814	8,786	8,584	7,633
Massachusetts	313	682	1,019	1,169	930	1,683	2,025	1,975	2,148	2,040
Michigan	504	488	535	803	1,006	1,130	1,160	1,196	1,057	891
Minnesota	(1)	1,393	1,751	2,004	2,482	2,872	2,806	2,810	2,850	2,484
New Jersey	128	675	518	641	430	524	826	898	846	782
New York	269	726	904	919	917	1,016	1,284	1,432	1,411	1,345
Ohio	684	1,040	2,220	3,850	4,090	5,080	5,790	5,670	5,687	5,165
Pennsylvania	666	5,616	7,105	6,163	5,101	7,898	9,406	10,060	10,562	8,911
West Virginia	3,092	7,730	8,853	12,529	8,078	14,832	16,255	16,476	16,650	14,760
All other States	141	447	1,056	1,479	1,604	1,900	2,462	2,822	3,288	3,183
BEEHIVE										
Total										
Pennsylvania	27,508	20,511	11,355	2,776	917	3,058	5,214	6,687	6,578	3,415
Ohio	22,531	15,008	9,574	2,011	584	2,560	4,584	5,013	5,734	2,890
West Virginia	19	87	156	422	165	233	288	378	352	177
Alabama	1,260	1,381	490	422	—	—	—	—	—	—
Kentucky	1,001	890	88	—	—	—	—	—	—	—
Tennessee	285	273	(1)	—	—	—	74	95	102	48
Virginia	234	163	128	25	3	5	—	—	—	—
Colorado	671	273	155	79	49	62	73	21	201	158
Utah	(1)	(1)	145	7	6	7	4	68	189	133
All other States	887	509	196	12	2	1	—	—	—	—

¹ Included in figure for "all other States."

Source of tables 826 and 827: Department of the Interior, Bureau of Mines, Minerals Yearbook.

No. 828.—NATURAL GAS AND NATURAL GASOLINE—PRODUCTION: 1906 TO 1949

[Quantities of gas in millions of cubic feet, of gasoline in thousands of gallons; values in thousands of dollars. Production figures for gas refer only to that marketed, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost; values given are at point of consumption. See also *Historical Statistics*, series G 59-64]

YEARLY AVERAGE	NATURAL GAS PRODUCED AND MARKETED		NATURAL GASOLINE ¹			YEAR	NATURAL GAS PRODUCED AND MARKETED		NATURAL GASOLINE ¹										
	Quantity	Value	Gas treated	Production	Value		Quantity	Value	Gas treated	Production	Value								
							1906-1910	1911-1915	1916-1920	1921-1925	1926-1930	1931-1935	1936-1940	1941-1945	1946	1947	1948	1949	
1906-1910	437,057	57,940				1942	3,053,475	692,737	2,864,400	3,499,524	121,565								
1911-1915	575,708	88,492	11,602	30,817	2,481	1943	3,414,680	760,950	3,028,000	3,684,072	146,910								
1916-1920	762,681	154,600	412,757	268,038	48,174	1944	3,711,030	707,255	3,300,000	4,201,932	282,500								
1921-1925	947,419	229,002	820,445	762,151	82,205	1945	3,918,688	837,852	3,653,870	4,704,173	187,564								
1926-1930	1,637,540	362,238	1,613,811	1,852,490	136,123	1946	4,030,605	885,878	3,663,760	4,861,033	182,281								
1931-1935	1,697,043	394,148	1,687,902	1,592,613	59,761	1947	4,582,173	274,709	4,070,150	5,551,267	294,994								
1936-1940	2,401,592	523,609	2,116,152	2,105,410	85,455	1948	5,148,020	333,173	4,393,500	6,162,287	488,977								
1941-1945	3,382,109	742,025	3,121,914	3,897,124	151,532	1949	5,486,582	355,472	4,710,540	6,597,613	402,100								

¹ Includes liquefied petroleum gases and other allied products.

² Estimated.

³ Beginning 1947, includes gas stored and lost in transmission.

⁴ Beginning 1947, value at wells.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 829.—NATURAL GAS AND NATURAL GASOLINE—PRODUCTION, BY STATES

[Gas in millions of cubic feet; gasoline in thousands of gallons. Production figures for gas refer only to that marketed, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost. Consumption figures by States differ greatly from production figures by reason of interstate transportation]

STATE	NATURAL GAS PRODUCED AND MARKETED					Natural gas consumed, 1948	NATURAL GASOLINE PRODUCED ¹		
	1930	1935	1940	1945	1948		1947	1948	1949 ²
Total	31,943,421	31,916,595	32,660,222	33,918,688	34,514,820	3,945,149	5,551,267	6,162,287	6,597,613
Arkansas	18,585	6,167	14,370	46,600	53,946	112,675	94,066	94,855	95,748
California	334,789	284,100	351,950	502,442	570,054	617,615	1,064,108	1,115,064	1,140,453
Illinois	2,890	1,448	8,359	16,663	14,062	168,796	162,504	148,627	135,147
Kansas	37,630	57,125	90,003	145,959	245,189	189,893	99,195	107,563	111,188
Kentucky	28,023	39,738	53,056	81,714	70,085	41,357	59,713	65,702	68,054
Louisiana	278,341	249,450	343,191	542,789	686,061	420,837	628,845	709,838	808,679
Michigan	2,075	4,203	12,648	21,874	14,981	75,978	4,287	2,583	3,628
Mississippi						59,809	65,245	19,942	47,177
Montana	10,080	19,870	26,231	31,829	36,551	32,019	5,756	8,447	9,662
New Mexico	9,497	27,931	63,990	105,023	194,749	110,132	113,051	130,338	169,055
New York	6,9,624	8,288	12,187	9,210	4,705	44,200	11	13	7
Ohio	63,394	49,592	40,639	49,967	65,619	230,137	7,084	6,298	5,160
Oklahoma	348,116	274,313	257,026	357,530	480,573	277,955	446,493	469,478	524,398
Pennsylvania	88,706	794,464	7,90,725	7,82,188	7,87,578	191,631	13,018	12,238	10,250
Texas	517,880	842,366	1,063,538	1,711,401	2,280,923	1,605,955	2,630,434	3,028,852	3,235,279
West Virginia	144,180	115,772	188,751	160,225	203,681	112,702	141,273	152,763	157,040
Wyoming	43,210	20,643	27,346	35,282	52,424	31,400	52,492	62,401	69,578

¹ Includes liquefied petroleum gases and other allied products.

² Preliminary. ³ Includes States not shown separately.

⁴ Includes gas stored and lost in transmission.

⁵ Includes 685,000,000 cubic feet piped to Mexico in 1940, 3,281,000,000 in 1945, and 2,187,000,000 in 1948.

⁶ Includes 107,000,000 cubic feet piped to Canada in 1930, 29,000,000 in 1935, 54,000,000 in 1940, 31,000,000 in 1945, and 42,000,000 in 1948.

⁷ Includes 44,000,000 cubic feet piped to Canada in 1935, 36,000,000 in 1940, 160,000,000 in 1945, and 151,000,000 in 1948.

⁸ Includes 1,691,000,000 cubic feet piped to Mexico in 1930, 6,727,000,000 in 1935, 4,788,000,000 in 1940, 14,735,000,000 in 1945, and 16,324,000,000 in 1948. ⁹ Includes Utah and Colorado.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 830.—PETROLEUM, CRUDE—PRODUCTION: 1861 TO 1949

[Quantities in thousands of barrels (42 gallons); values in thousands of dollars. See also *Historical Statistics*, series G 67-58]

YEARLY AVERAGE	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1861-1865	2,479	9,065	1016	300,767	830,900	1963	905,656	608,000
1866-1870	4,013	15,705	1017	385,316	622,635	1934	908,065	904,825
1871-1875	8,221	16,430	1018	355,928	703,944	1935	996,598	981,440
1876-1880	16,316	22,926	1019	378,367	706,266	1936	1,099,687	1,109,820
1881-1885	25,508	22,933	1020	442,029	1,360,745	1937	1,270,160	1,513,340
1886-1900	32,990	23,830	1021	472,183	814,745	1938	1,214,355	1,373,000
1891-1895	51,095	35,708	1022	557,531	805,111	1939	1,264,962	1,294,470
1890-1900	69,498	56,836	1023	732,407	978,480	1940	1,353,214	1,385,440
1901-1905	102,083	83,524	1024	713,940	1,022,683	1941	1,402,228	1,602,000
1906-1910	172,769	110,572	1025	763,743	1,284,960	1942	1,386,645	1,643,470
1911-1915	247,730	185,703	1026	770,874	1,447,760	1943	1,505,613	1,809,020
1916-1920	362,661	735,608	1027	901,120	1,172,820	1944	1,677,904	2,032,960
1921-1925	647,961	998,186	1028	901,474	1,054,880	1945	1,713,655	2,094,260
1926-1930	895,762	1,205,217	1029	1,007,323	1,280,417	1946	1,733,939	2,442,590
1931-1935	889,311	741,071	1030	898,011	1,070,200	1947	1,856,987	3,577,890
1936-1940	1,242,276	1,553,226	1031	861,081	550,630	1948	2,020,185	5,245,050
1941-1945	1,537,209	1,836,340	1032	785,150	680,400	1949	1,841,940	4,674,770

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 831.—PETROLEUM, CRUDE AND REFINED—PRODUCTION, IMPORTS, EXPORTS, AND BUNKER OIL LADEN ON VESSELS IN FOREIGN TRADE: 1871 TO 1950

[Exports of refined oils include residuum prior to 1913 and natural gasoline prior to 1932, and exclude them thereafter. Exports exclude reexports of imported oils. General imports through 1933; imports for consumption thereafter. See also *Historical Statistics*, series G 57 for production]

YEARLY AVERAGE OR YEAR	QUANTITY (THOUSANDS OF BARRELS OF 42 GALLONS)					VALUE (MILLIONS OF DOLLARS)				
	Production, crude oil	Imports		Exports		Bunker oil	Imports		Exports	
		Crude oil	Refined oils	Crude oil ¹	Refined oils		Crude oil	Refined oils	Crude oil ¹	Refined oils
1871-1880	12,519	(2)	(2)	528	6,026	(2)	(2)	(2)	2.4	37.7
1881-1890	29,249	(2)	(2)	1,719	12,084	(2)	(2)	(2)	5.1	43.7
1891-1895	51,095	(2)	(2)	2,606	16,751	(2)	(2)	(2)	5.0	40.8
1896-1900	59,498	(2)	(2)	2,907	20,240	(2)	(2)	(2)	5.8	57.1
1901-1905	102,083	(2)	(2)	3,029	22,317	(2)	(2)	(2)	6.3	68.5
1906-1910	172,769	205	(2)	3,686	30,521	(2)	0.7	(2)	6.4	90.4
1911-1915	247,730	12,080	203	4,134	44,475	(2)	7.6	1.1	6.1	125.8
1916-1920	362,661	49,531	1,306	5,413	58,895	11,681	26.5	5.0	14.1	323.7
1921-1925	647,961	94,857	12,545	13,320	76,455	36,501	68.0	22.2	22.5	363.6
1926-1930	895,762	67,919	23,770	26,062	119,700	50,198	78.6	51.8	30.2	464.7
1931-1935	889,311	38,395	23,901	36,413	70,896	34,368	27.3	22.3	38.2	176.2
1936-1940	1,242,276	32,701	30,774	63,651	86,876	35,845	23.6	22.2	87.0	251.9
1941-1945	1,537,209	30,644	48,317	36,702	105,397	51,508	39.8	63.2	57.0	487.8
1935	996,596	32,345	22,369	51,430	67,932	30,304	23.4	13.5	61.2	169.9
1936	1,098,687	32,067	25,460	50,313	71,402	33,407	23.2	16.5	60.1	179.0
1937	1,279,160	27,310	32,603	67,127	93,464	37,688	20.3	22.1	96.4	253.4
1938	1,214,365	26,048	27,837	77,254	102,124	36,059	18.6	19.6	111.6	249.6
1939	1,264,962	34,106	27,350	72,064	103,428	37,036	23.3	18.7	92.8	202.6
1940	1,353,214	40,085	40,628	51,495	63,960	35,037	32.2	34.0	67.8	214.9
1941	1,402,228	52,029	48,664	34,484	60,736	30,400	43.4	37.6	49.5	208.2
1942	1,386,645	13,540	25,780	35,560	71,251	25,417	12.8	23.0	51.6	273.2
1943	1,506,613	13,803	51,834	43,313	96,860	47,895	14.7	69.9	66.5	421.3
1944	1,677,904	44,846	56,063	34,802	161,854	71,815	49.0	63.6	58.0	872.8
1945	1,713,655	74,063	58,742	35,353	136,283	82,814	79.2	71.9	58.3	603.3
1946	1,733,039	87,507	57,047	42,574	90,884	62,494	101.6	57.0	74.1	306.3
1947	1,856,987	99,284	63,463	46,356	92,461	72,071	101.5	87.1	99.1	435.7
1948	2,020,185	128,557	59,992	39,737	72,260	62,558	283.3	120.8	116.8	441.7
1949	1,841,940	154,719	84,412	33,068	62,180	57,824	340.7	134.5	98.4	376.1
1950	(2)	172,730	133,370	34,824	65,194	57,683	367.0	217.8	102.7	326.2

¹ Includes some unfinished oils for further processing prior to 1949.

² Data not available.

³ Average for years 1908-10 for total mineral oils.

Sources: Production, Dept. of the Interior, Bur. of Mines; Minerals Yearbook. Imports and exports, Dept. of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

MINING AND MINERAL PRODUCTS

No. 832.—PETROLEUM, CRUDE—WORLD PRODUCTION; UNITED STATES PRODUCTION, BY REGIONS AND STATES: 1926 TO 1949

[In thousands of barrels of 42 gallons]

REGION AND STATE	1926-1930 (average)	1931-1935 (average)	1936-1940 (average)	1941-1945 (average)	1945	1946	1947	1948	1949
World total ¹	1,316,390	1,460,372	2,009,651	2,351,151	2,594,794	2,745,474	3,022,075	3,433,021	3,398,400
United States ²	895,762	889,311	1,242,276	1,537,209	1,713,655	1,733,939	1,856,987	2,020,185	1,841,940
Percent of total	68	61	62	65	66	63	61	59	64
Regions:									
Appalachian	31,603	30,079	34,817	34,044	38,047	34,180	32,762	32,622	—
Lima—N. E. Ind.	—	—	—	—	—	—	—	—	—
Mich.	3,603	10,050	18,716	19,228	17,481	17,282	16,379	16,006	—
Illinois—S. W. Indiana	7,495	5,326	57,570	100,570	79,938	81,999	72,530	71,758	—
Mid-continent	527,044	566,251	694,526	764,285	846,227	871,081	940,550	1,063,638	(3)
Gulf	54,140	75,401	178,326	204,040	360,360	364,576	383,013	412,430	—
Rocky Mountain	29,468	37,765	44,830	50,180	60,108	60,621	52,667	—	—
California	241,509	184,221	230,256	280,210	326,482	314,713	333,132	340,074	—
States:									
Arkansas	35,010	12,144	17,485	27,717	28,613	28,375	29,948	31,682	29,986
California	241,509	184,221	230,256	280,210	326,482	314,713	333,132	340,074	332,042
Colorado	2,477	1,260	1,539	2,958	5,036	11,856	15,702	17,862	23,587
Illinois	6,684	4,551	55,722	94,710	75,094	75,297	66,459	64,808	64,501
Indiana	987	800	1,870	5,885	4,868	6,726	6,095	6,974	9,096
Kansas	41,123	43,033	63,197	98,447	96,415	97,218	105,132	110,908	101,868
Kentucky	7,103	5,494	5,549	7,425	10,325	10,578	9,397	8,801	8,803
Louisiana	22,328	30,396	92,771	123,196	131,051	143,669	160,128	181,458	190,826
Michigan	1,013	9,004	18,103	18,928	17,267	17,074	16,215	16,871	16,517
Mississippi	—	(4)	4,607	19,673	19,002	24,298	34,925	45,761	37,966
Montana	4,826	3,153	5,861	8,117	8,420	8,825	8,742	9,382	9,118
New Mexico	3,171	15,829	35,720	37,383	37,351	36,814	40,026	47,909	47,045
New York	2,765	3,618	5,057	5,002	4,648	4,863	4,702	4,621	4,425
Ohio	7,022	4,504	3,404	3,228	2,828	2,908	3,108	3,600	3,483
Oklahoma	235,663	176,293	185,293	136,492	139,299	134,794	141,019	154,455	151,600
Pennsylvania	10,018	13,443	17,684	15,384	12,515	12,906	12,690	12,067	11,374
Texas	245,702	364,341	478,063	616,884	754,710	760,215	820,210	903,498	744,834
West Virginia	5,655	4,032	8,680	3,261	2,870	2,920	2,617	2,602	2,839
Wyoming	21,145	13,158	19,987	33,304	36,219	38,977	44,772	55,032	47,890

¹ Estimated. ² Includes for certain years small quantities not distributed by regions and States.

³ Not available. ⁴ Not shown separately.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 833.—PETROLEUM—RUNS TO STILLs, 1947 AND 1948, AND MAJOR REFINERY PRODUCTS, 1948, BY REGIONS

[In thousands of barrels of 42 gallons, except wax (barrels of 280 lbs.)]

REGION	CRUDE OIL RUN TO STILLs		NATURAL GASOLINE RUN TO STILLs OR BLENDED		OUTPUT OF REFINERIES, 1948				
	1947	1948	1947	1948	Gasoline	Kero-sene	Distil-late fuel oil	Resid-ual fuel oil	Wax ^a
Total	1,852,246	2,031,041	70,692	76,287	805,986	121,914	380,700	466,317	3,515
East Coast	297,315	317,257	888	882	111,937	17,004	67,377	84,111	1,342
Appalachian	60,377	57,637	530	610	25,502	3,819	7,507	9,662	301
Ind., Ill., Ky., etc.	301,357	332,233	8,088	8,428	107,136	21,780	49,486	57,521	278
Okla., Kans., and Mo.	153,050	165,240	6,002	7,524	84,881	8,916	30,760	27,667	440
Texas	521,606	599,496	28,856	32,146	275,812	43,142	124,860	117,588	472
Louisiana and Ark.	164,765	188,982	4,050	3,966	77,696	21,374	40,115	34,554	400
Rocky Mountain	52,343	60,002	918	1,016	26,768	1,768	10,270	14,538	104
California	301,433	310,185	21,385	21,661	126,214	4,111	50,235	120,686	88

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 834.—CRUDE PETROLEUM, REFINED PRODUCTS, AND NATURAL GASOLINE—
PRODUCTION AND STOCKS: 1925 TO 1950

[Barrels of 42 gallons]

ITEM	1925	1930	1935	1940	1945	1948	1949	1950 (proj.)
Crude petroleum:								
Domestic production								
1,000 bbls.	763,743	808,011	906,596	1,353,214	1,718,655	2,020,185	1,841,940	1,971,845
Imports ¹	do	61,824	62,120	32,239	42,662	74,337	120,003	153,686
Exports ¹	do	13,337	28,705	51,480	51,496	32,998	30,736	33,009
Stocks, end of period:								
Refinable crude	do	345,863	408,809	314,855	284,709	218,763	246,572	253,356
California heavy crude	do	(2)	(2)	11,006	4,498	10,055		248,463
Runs to stills	do	730,920	927,447	965,790	1,294,162	1,719,534	2,081,041	1,944,221
Total value at wells...1,000 dollars	1,284,960	1,070,200	981,440	1,385,440	2,094,250	5,245,080	4,074,770	(3)
Average price per barrel at wells	\$1.68	\$1.19	\$0.97	\$1.02	\$1.22	\$2.60	\$2.54	(3)
Refined products:								
Imports ¹	1,000 bbls.	16,376	43,489	20,396	41,089	39,282	50,051	81,873
Exports ¹	do	100,497	182,794	77,557	78,970	149,956	94,938	86,307
Stocks, end of period	do	206,275	254,311	223,361	282,265	235,998	343,537	312,932
Output of motor fuel	do	262,252	440,728	468,021	616,095	708,194	921,923	962,417
Yield of gasoline—percent	32.4	42.0	44.2	43.1	40.9	40.3	43.7	43.0
Completed refineries, end of year	510	435	632	556	398	376	307	(3)
Daily crude-oil capacity of refineries	1,000 bbls.	2,853	3,943	4,117	4,710	5,316	6,439	6,696
Average dealer's net price (excl. tax) of gasoline in 60 U. S. cities ⁴	cents per gal.	17.46	14.49	12.02	9.08	10.33	14.55	15.05
Natural gasoline:								
Production	1,000 bbls.	26,307	52,631	39,333	55,700	112,004	146,721	157,086
Stocks, end of period	do	8,326	2,377	3,698	5,704	4,322	5,579	6,831
								181,552
								7,355

¹ Import and export figures from Bureau of Census, except for imports of crude petroleum for 1935 and later years which are as reported to Bureau of Mines. Exports include shipments to noncontiguous Territories and possessions.

² Figure for California heavy crude included in refined products in 1925, 1930, and 1935.

³ Not available.

⁴ For comparison with succeeding year.

⁵ American Petroleum Institute figures; prior to 1939, average tank-wagon prices.

⁶ At plants only.

Source: Department of the Interior, Bureau of Mines (except as noted); Minerals Yearbook.

No. 835.—PETROLEUM—RUNS TO STILLs AND REFINERY PRODUCTS, BY CLASS: 1925 TO 1950

[In thousands of barrels of 42 gallons]

PRODUCT	1925	1930	1935	1940	1945	1948	1949	1950 (proj.)
Input, total	759,556	970,617	996,815	1,333,709	1,789,858	2,107,278	2,029,678	2,189,506
Crude petroleum, total	739,020	927,447	965,700	1,294,162	1,719,534	2,081,041	1,944,221	2,094,867
Domestic	698,582	866,615	933,650	1,252,364	1,045,862	1,907,027	1,780,750	1,918,854
Foreign	41,338	60,832	32,131	41,798	73,672	124,014	154,465	176,013
Natural gasoline	19,636	43,170	31,025	39,547	70,324	76,237	85,457	94,630
Output, total	759,556	970,617	996,815	1,333,709	1,789,858	2,107,278	2,029,678	2,189,506
Gasoline	259,601	432,241	457,842	507,375	774,400	895,986	939,051	998,093
Kerosene	58,680	49,208	55,813	73,882	81,024	121,914	102,152	118,512
Distillate fuel oil	364,091	81,561	100,235	183,304	240,224	380,700	340,826	308,912
Residual fuel oil		290,947	259,828	316,221	469,492	466,317	424,900	425,217
Lubricants	31,055	34,201	27,883	36,765	41,867	51,416	46,380	51,735
Wax (1 bbl.=280 lbs.)	2,135	1,956	1,608	1,838	2,921	3,515	3,208	4,462
Coke (5 bbls.=1 s. ton)	5,281	9,895	7,290	7,633	10,115	14,404	16,950	17,224
Asphalt (5.5 bbls.=1 s. ton)	15,067	18,194	17,133	20,406	30,196	51,019	49,007	58,240
Still gas (1 bbl.=3,000 cu. ft.)	(1)	5,377	51,184	75,050	103,458	81,150	82,621	83,743
Road oil		5,426	6,030	7,771	2,686	7,015	7,691	6,923
Other finished products	8,044	2,377	1,888	3,202	10,080	30,605	27,705	33,800
Crude gasoline (net)			1,032	902	4,892	817	418	243
Other unfinished oils (net)	2,921	2,242	2,412	2,848	5,787	5,618	2,10,006	2,0,891
Shortage		22,014	37,003	11,493	3,313	6,054	2,768	586
								3,712

¹ Not available.

² Negative quantity; represents net excess of unfinished oils rerun over unfinished oils produced.

³ Negative quantity.

Source: Department of the Interior, Bureau of Mines; Petroleum Refinery Statistics 1930 (Bulletin 367) and Minerals Yearbook.

No. 836.—PETROLEUM PRODUCTS—QUANTITY AND VALUE: 1939 AND 1947
 [Money figures in thousands of dollars]

PRODUCT	Unit-of measure	1939		1947		Net ship- ments ² (quan- tity)	
		Production		Re- ceipts ¹ (quan- tity)	Shipments and interplant transfers		
		Quantity	Value f. o. b. plant (incl. tax)				
Petroleum products, total							
Gasoline, total	M. bbls.	580,805	2,497,235	54,296	845,621	6,745,717	
Aviation gasoline	do	9,420	1,424,436	3,271	29,967	3,136,709	
Automotive gasoline	do			35,398	790,825	143,964	
Other finished gasolines (including finished base stocks and blending agents)		571,385	1,388,167			2,907,212	
Naphtha solvents	do	9,352	23,112	15,127	24,820	85,533	
Kerosene (including range oil)	do	64,526	112,065	6,317	18,120	71,524	
Distillate fuel oil, total	do	(3)		(3)	24,670	342,997	
Grade No. 1 (including P. S. 100)	do				341,907	108,133	
Grades No. 2, 3, and 4 (incl. P. S. 200)		468,255	4,107,649	1,852	47,050	918,291	
Diesel-type fuel oil (light)	do			17,058	218,867	317,237	
Other distillate fuel oils (including light gas-enrichment oil)	do	594,586	5,130,407	3,693	58,013	56,152	
Residual fuel oil, total	do	(3)	(3)	42,323	488,069	200,909	
Grade No. 5 (incl. Navy special and P. S. 300)	do				1,167	48,437	
Grade No. 6 (incl. Bunker C and P. S. 400)		312,044	6,234,093	36,531	89,552	445,746	
Diesel-type fuel oil (heavy)	do	(3)	(3)	609	7,046	16,163	
Other residual fuel oils (including heavy gas-enrichment oil)	do	(3)	(3)	3,677	37,697	60,013	
Lubricating oils, total	do	(3)	(3)	(3)	58,280	34,020	
Petroleum refining industry:							
Refiners of new oils	do	738,268	7,237,161	6,776	50,363	53,958	
Re-refiners of used oils (including crank-case drainings)	do	193	1,250	30	682	652	
Lubricants, n. e. c. industry	do	(3)	25,511	1,798	6,893	110,909	
Other manufacturing industries	do	(3)	(3)	(3)	287	5,161	
Lubricating-oil base stocks (for blending, compounding, and grease manufacture), total	do	(3)	(3)	11,971	12,342	108,621	
Petroleum refining industry	do	(3)	(3)	5,434	12,264	107,309	
Lubricants, n. e. c. industry	do			6,537	78	1,312	
Lubricating greases, total	M lbs.	(3)	(3)	(3)	1,198,254	3,697	
Petroleum refining industry:							
Refiners of new oils	do	(3)	14,451	58,267	684,585	49,245	
Re-refiners of used oils (including crank-case drainings)	do	(3)	(3)	224	1,978	626,318	
Lubricants, n. e. c. industry	do	285,124	16,275	20,039	506,204	1,754	
Other manufacturing industries	do	(3)	(3)	(3)	5,487	43,462	
Asphalt, total				37,094	799	485,505	
200 penetration and over	M. bbls.	14,498	17,142	963	24,782	130,344	
Less than 200 penetration	M. tons.	2,346	20,852	62	61,646	23,810	
Petroleum waxes, total	M. lbs.	(3)	10,485	73,832	1,233,468	68,998	
Microcrystalline	do	(3)	(3)	1,615	96,216	5,402	
Refined and semi-refined crystalline	do	(3)	(3)			159,626	
Crude-seal crystalline	do	(3)	(3)	23,728	690,159	66,431	
Liquefied gases, total ⁶	M. bbls.	3,463	4,042	48,489	447,083	22,484	
For direct automotive use (not included under gasoline)	do	(3)	(3)	7,354	22,496	388,594	
Chemical raw material (including synthetic rubber components)	do	(3)	(3)		162	15,142	
Other liquefied gases	do	(3)	(3)		410		
Other finished petroleum products, total				69,466	9,549	83,007	
Still gas	M. cu. ft.	(3)	(3)	4	20,416	26,412	
Road oil	M. bbls.	6,020	8,539	85	9,053	8,988	
Petrolatum	M. lbs.	(3)	2,873	120,618	455,294	334,676	
Petroleum coke	M. tons.	1,522	4,987		1,619	11,944	
Other finished petroleum products	M. bbls.	(3)	53,067	375	4,571	34,305	
Unfinished oils	do	31,714	38,878	59,533	44,710	4,196	
						14,823	

¹ As billed by the shipper.² Represents difference between quantities shipped and receipts.³ Not available.⁴ Represents distillates except gas oils and diesel oils.⁵ Represents residual fuel oils except gas oils and diesel oils.⁶ Lubricating-oil base stocks are probably included with lubricating oils.⁸ Includes propane, butane, propane-butane mixtures, pentane, and other liquefied refinery gases. Receipts exclude liquefied petroleum gases from natural-gasoline plants.⁹ Other finished products include still gas, residuum or tar, acid oil, and other refinery products.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 837.—PETROLEUM PIPE LINES—SUMMARY: 1925 TO 1949

[All figures, except miles of line operated, in thousands of dollars]

YEAR	Miles of line operated	Investment in pipe lines	Other investments	Pipe-line operating revenues	Pipe-line operating expenses	Pipe-line operating income	Net income
1925	70,009	511,088	93,800	164,645	80,282	70,966	88,495
1930	88,727	772,711	96,184	237,910	99,363	121,816	123,741
1935	92,037	768,009	119,071	197,368	89,304	79,586	78,249
1937	96,611	802,946	87,380	248,198	99,641	109,994	102,720
1938	95,775	807,657	70,666	228,211	98,756	95,128	92,724
1939	98,681	829,646	65,124	212,466	97,130	88,401	80,823
1940	100,156	841,977	64,006	225,760	101,919	82,658	79,857
1941	105,435	885,317	45,087	251,685	110,448	81,604	79,468
1942	106,435	918,848	44,525	245,061	123,507	58,332	56,845
1943	108,733	965,404	39,891	276,652	148,448	62,620	61,302
1944	111,015	1,000,741	62,767	310,194	172,368	67,840	65,715
1945	113,351	1,042,523	86,713	304,268	101,668	67,127	65,941
1946	116,544	1,106,454	60,901	203,723	183,869	56,485	56,094
1947	119,298	1,226,168	56,455	325,224	214,682	54,415	53,145
1948	124,092	1,381,402	52,168	377,034	252,971	58,806	56,079
1949	124,984	1,497,570	78,285	376,452	249,368	63,282	57,743

Source: Interstate Commerce Commission; annual report, Statistics of Oil Pipe Line Companies.

No. 838.—OIL WELLS, NUMBER AND PRODUCTION, 1948 AND 1949, AND NUMBER OF OIL AND GAS WELLS DRILLED, 1949 AND 1950, BY STATES

STATE	PRODUCING OIL WELLS				WELLS DRILLED ¹					
	Approximate number Dec. 31		Average production per well per day (barrels)		Oil		Gas		Dry	
	1948	1949	1948	1949	1949	1950	1949	1950	1949	1950
Total	437,880	448,680	12.8	11.4	22,042	24,430	2,587	2,843	12,727	14,757
Arkansas	3,670	3,660	23.8	22.4	171	242	3	2	147	153
California	26,460	24,350	36.5	35.9	1,914	1,278	40	51	558	490
Colorado	700	750	75.1	89.1	21	22	4	12	57	66
Illinois	26,500	27,100	6.8	6.6	1,392	1,280	6	17	1,308	1,511
Indiana	2,780	2,950	7.5	9.3	521	576	30	51	725	906
Kansas	27,900	29,600	10.9	9.7	1,683	1,985	419	400	1,254	1,565
Kentucky	14,750	15,500	1.6	1.6	448	516	193	157	402	474
Louisiana	9,770	10,890	53.7	50.6	1,524	1,493	211	196	632	753
Michigan	3,550	3,820	13.0	12.3	426	348	23	30	476	450
Mississippi	1,320	1,400	102.5	74.3	161	124	5	9	107	180
Montana	3,100	3,180	8.6	8.0	188	154	54	20	87	96
Nebraska	50	60	10.7	16.4	12	78	6	20	31	100
New Mexico	5,370	5,580	25.3	23.8	334	396	53	88	114	123
New York	23,100	23,000	.6	.5	(2)	(2)	(2)	(2)	(2)	(2)
Ohio	20,000	19,900	.5	.5	(2)	(2)	(2)	(2)	(2)	(2)
Oklahoma	53,000	54,400	8.0	7.7	2,483	3,804	213	240	1,612	1,812
Pennsylvania	82,000	82,100	.4	.4	2,588	2,579	287	2872	2,526	2,548
Texas	113,100	110,900	22.4	17.5	8,613	10,665	746	647	4,260	5,197
West Virginia	16,000	16,400	.5	.5	(2)	(2)	(2)	(2)	(2)	(2)
Wyoming	4,600	4,960	33.7	27.5	322	365	8	18	257	232
Other States	160	190	15.6	25.0	41	25	6	4	114	84

¹ Figures from Oil and Gas Journal.

New York, Ohio, and West Virginia included in Pennsylvania.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook, except as noted.

No. 839.—ASPHALT—SUPPLY, DISTRIBUTION, AND VALUE: 1942 TO 1949

ITEM	1942	1943	1944	1945	1946	1947	1948	1949
SUPPLY (1,000 TONS OF 2,000 LBS.)								
Total	7,999	8,172	8,483	8,609	9,832	10,947	11,551	11,359
Native asphalt and related bitumens:								
Produced	975	886	790	704	840	1,072	1,136	1,202
Imported (chiefly lake asphalt)	8	8	8	5	4	6	5	4
Petroleum asphalt (excluding road oil):								
Produced at refineries from domestic and foreign petroleum	6,297	6,757	6,996	7,127	8,106	8,961	9,440	8,910
Imported	115	110	126	147	123	206	284	214
Stocks, Jan. 1	604	411	563	626	603	702	686	1,029
DISTRIBUTION (1,000 TONS OF 2,000 LBS.)								
Total	7,999	8,172	8,483	8,609	9,832	10,947	11,551	11,359
Native asphalt and related bitumens:								
Indicated domestic demand	966	851	752	657	819	1,048	1,127	1,189
Exports (unmanufactured)	9	35	37	47	27	24	14	17
Petroleum asphalt (excluding road oil):								
Indicated domestic demand (incl. lake asphalt)	6,527	6,637	6,949	6,990	7,888	8,633	9,111	9,028
Exports	85	86	119	213	306	555	270	234
Stocks, Dec. 31	411	563	626	693	702	686	1,029	894
VALUE (1,000 DOLLARS)								
Native asphalt and related bitumens:								
Sales	4,279	4,288	3,688	3,816	4,262	5,503	5,026	5,569
Imports (chiefly lake asphalt)	136	222	254	122	92	243	167	88
Exports (unmanufactured)	232	810	730	1,207	974	1,065	550	823
Petroleum asphalt (excluding road oil):								
Sales ²	70,815	78,863	75,715	78,876	98,901	127,869	178,788	162,438
Imports ¹	680	659	726	842	771	1,092	2,419	2,615
Exports	1,685	2,147	2,606	5,172	9,708	14,208	8,985	7,402

¹ Includes cut-backs and road oil.² Excludes export sales.

No. 840.—GYPSUM—SUPPLY, SALES, IMPORTS, AND EXPORTS: 1942 TO 1949

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars. See also *Historical Statistics*, series G 07-68, for gypsum mined and total gypsum products sold]

ITEM	1942	1943	1944	1945	1946	1947	1948	1949
Crude gypsum:¹								
Minced	4,698	3,878	3,761	3,812	5,629	6,208	7,255	6,608
Imported	394	231	342	509	1,457	2,157	2,859	2,593
Apparent supply	5,092	4,109	4,104	4,320	7,087	8,305	10,114	9,201
Calcined gypsum produced:²								
Short tons	3,045	2,558	2,363	2,485	4,170	5,011	6,243	5,767
Value	16,403	14,752	13,841	14,474	29,273	38,726	48,145	45,455
Gypsum products sold:²								
Uncalced uses:								
Short tons	1,515	1,234	1,056	1,148	1,641	1,950	2,226	1,900
Value	3,634	3,116	2,954	3,433	5,106	7,012	7,927	7,127
Industrial uses:								
Short tons	143	164	200	158	207	207	219	212
Value	1,841	2,259	2,551	2,326	3,161	3,430	3,731	3,562
Building uses, value	57,706	53,723	50,106	54,390	88,928	117,973	165,176	148,057
Gypsum and gypsum products:								
Imported for consumption, value	508	304	395	549	1,833	2,522	3,115	2,851
Exported, value	978	284	490	1,608	1,065	1,600	1,317	1,936

¹ Excludes byproduct gypsum.² Made from domestic, imported, and byproduct crude gypsum.

Source of tables 839 and 840: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 841.—CEMENT—PRODUCTION, BY KIND: 1890 TO 1949

[Portland cement, in barrels of 376 pounds; masonry, natural, and pizzolan cement in 1921 and later years in 376-pound barrels but prior to 1921 in barrels of 240, 265, and 320 pounds, respectively. Includes Puerto Rico beginning 1936, and Hawaii for 1945 and 1946. See also *Historical Statistics*, series G 65-60.]

YEAR	PRODUCTION IN THOUSANDS OF BARRELS			Total value in thousands of dollars ¹	YEAR	PRODUCTION IN THOUSANDS OF BARRELS			Total value in thousands of dollars ¹
	Total	Portland	Masonry, natural, and pizzolan			Total	Portland	Masonry, natural, and pizzolan	
1890	7,777	336	7,441	4,527	1932	77,198	70,741	457	82,718
1895	8,731	990	7,741	5,482	1933	63,954	63,473	511	86,220
1900	17,231	8,482	8,749	13,284	1934	78,410	77,748	672	117,582
1905	40,102	35,247	4,855	35,032	1935	77,748	70,742	1,008	114,810
1910	77,785	70,550	1,235	68,752	1936	114,469	112,050	1,819	172,778
1915	86,708	85,916	2,794	74,285	1937	118,075	116,175	1,901	171,414
1920	100,701	100,023	2,767	203,198	1938	107,178	105,857	1,821	156,703
1921	99,381	98,842	2,539	187,708	1939	124,698	122,259	2,439	184,255
1922	115,679	114,790	2,889	203,324	1940	132,751	130,217	2,595	193,465
1923	128,732	127,460	2,127	263,122	1941	166,907	164,031	2,876	250,589
1924	150,777	149,358	2,148	272,346	1942	185,342	182,781	2,560	236,905
1925	163,388	161,650	1,729	281,076	1943	135,254	133,424	1,830	202,460
1926	166,036	164,530	2,105	280,756	1944	92,152	90,006	1,247	151,907
1927	175,330	173,207	2,124	281,736	1945	104,289	102,805	1,484	175,431
1928	178,509	176,299	2,210	278,883	1946	166,539	164,064	2,475	208,552
1929	172,856	170,646	2,209	255,105	1947	189,470	186,519	2,951	361,978
1930	162,980	161,107	1,702	281,240	1948	208,889	205,448	3,440	453,412
1931	126,671	125,429	1,242	142,680	1949	212,913	209,728	3,185	481,183

¹ Value of shipments beginning 1925. ² Shipments.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 842.—PORTLAND CEMENT—PRODUCTION, BY STATES; SHIPMENTS, IMPORTS AND STOCKS: 1910 TO 1949

[In thousands of barrels of 376 pounds]

STATE	1910	1920	1930	1935	1940	1945	1948	1949
Production, total	76,550	100,023	161,197	76,742	¹ 130,217	^{1,2} 102,805	^{1,2} 205,448	¹ 209,728
Alabama	3,1,481	1,132	4,821	2,493	5,122	5,542	9,908	9,722
California	4,6,386	7,098	10,124	7,974	14,216	15,052	24,602	23,218
Illinois	4,4,459	5,539	7,935	3,308	4,975	4,307	7,571	8,128
Iowa	5,2,010	4,849	7,088	3,520	4,606	3,194	6,807	6,834
Kansas	5,656	4,341	6,012	2,837	3,433	3,001	7,934	7,825
Michigan	8,688	4,891	11,511	4,579	8,603	5,839	11,410	12,768
Missouri	4,456	6,018	7,809	3,302	4,068	3,185	8,503	8,702
New York	3,206	5,885	10,373	4,285	8,437	⁶ 5,617	⁶ 13,504	⁶ 13,830
Ohio	1,528	1,780	8,632	3,876	6,664	4,004	10,035	10,313
Pennsylvania	26,676	28,269	37,844	15,502	26,853	15,564	38,311	38,122
Tennessee	(7)	(7)	3,875	2,703	3,808	2,882	6,727	6,078
Texas	8,2,287	2,562	6,782	3,787	7,375	8,037	13,701	14,950
Other States	14,027	27,659	38,393	18,925	¹ 31,156	^{1,2} 25,022	¹ 46,430	¹ 49,139
Shipments ²	(10)	96,312	150,050	75,233	180,350	106,354	204,305	206,080
Imports ¹¹	307	525	985	610	538	(10)	283	110
Stocks at mills (Dec. 31)	(10)	8,833	25,899	23,065	23,305	16,455	11,094	14,741

¹ Includes production of Puerto Rico.

⁴ Includes Washington.

² Includes production of Hawaii.

⁵ Includes Kentucky and West Virginia.

³ Includes Georgia and Tennessee.

⁶ Includes Maine.

⁷ Included in figures for Alabama for 1910; "Other States," 1920.

⁸ Includes Oklahoma.

⁹ Including exports made directly by manufacturers and shipments made by them to noncontiguous U. S. Territories and possessions.

¹⁰ Not available.

¹² Less than 5.

¹¹ "Imports for consumption" of portland and other hydraulic cement.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 843.—SALT—PRODUCTION, BY STATES AND BY KIND, EXPORTS,
AND IMPORTS: 1880 TO 1949

[In short tons (2,000 pounds). Production figures represent sales plus that used by producers; they include Puerto Rico. Imports are imports for consumption. See also *Historical Statistics*, series G 81-82 for production]

YEAR	Production	Exports	Imports	YEAR	Production	Exports	Imports
1880	834,548	1,642	509,703	1930	8,054,440	70,478	54,021
1880	1,242,770	2,404	257,323	1935	7,926,807	112,213	51,245
1900	2,921,708	7,511	190,909	1940	10,359,960	147,044	30,402
1905	3,635,257	34,238	161,169	1945	15,894,141	190,524	4,553
1910	4,242,792	40,013	137,103	1946	15,182,145	223,426	4,263
1915	5,352,409	80,474	122,326	1947	16,053,882	1,188,307	1,910
1920	6,840,024	139,272	137,654	1948	16,403,293	387,601	5,621
1925	7,397,500	155,079	85,788	1949	15,590,607	359,776	6,309
STATE OR KIND	1925	1930	1935	1940	1945	1948	1949
Production, total	7,397,500	8,054,440	7,926,897	10,359,960	15,394,141	16,403,293	15,590,607
Michigan	2,172,600	2,558,200	2,128,171	2,863,035	4,285,493	4,387,879	4,064,100
New York	2,053,970	2,009,280	1,027,822	2,117,671	2,862,224	3,065,831	2,951,750
Ohio	1,173,590	1,311,440	1,487,315	2,080,133	2,764,026	2,752,696	2,105,778
Kansas	812,540	789,800	608,204	684,053	855,806	831,756	854,707
Louisiana	500,350	535,250	702,990	1,132,504	1,867,089	2,223,249	2,030,076
California	292,480	350,370	356,222	409,354	694,609	914,085	964,807
Texas	(2)	(2)	268,800	402,168	1,100,701	1,354,100	1,037,388
Utah	88,150	85,240	57,625	71,472	122,007	113,779	78,611
West Virginia	25,870	28,070	65,968	144,312	370,200	246,732	355,515
Other States	277,950	416,100	323,771	395,171	469,346	513,227	457,050
By kinds:							
Manufactured (evaporated)	2,235,170	2,358,610	2,330,042	2,782,741	3,182,570	3,207,403	3,284,361
In brine	2,819,690	3,718,460	3,837,613	5,311,671	8,705,831	9,349,044	8,838,331
Rock salt	2,342,640	1,977,370	1,750,242	2,265,548	3,505,740	3,840,846	3,408,005
Total value ^a (dollars)	26,162,361	25,009,480	21,837,911	26,474,619	43,914,406	54,331,782	54,048,226

¹ Excludes 96,479 tons shipped under U. S. Army Civilian Supply Program.

² Included in "Other States."

^a F. o. b. mine or refinery; values exclude cost of cooperage or containers.

No. 844.—STONE—SALES, BY KIND AND BY USE: 1943 TO 1949

[See also *Historical Statistics*, series G 75-76 for total]

VARIETY AND USE	QUANTITY SOLD, THOUSANDS OF SHORT TONS (2,000 POUNDS) ¹							VALUE, (1,000 DOLLARS)	
	1943	1944	1945	1946	1947	1948	1949	1948	1949
Total	171,343	155,580	153,405	178,852	207,555	225,535	224,027	828,985	941,442
Granite	9,240	7,395	7,740	11,119	12,443	13,686	16,044	38,807	42,566
Basalt and related rocks	14,385	14,043	14,011	10,400	19,616	20,055	21,386	20,917	30,486
Sandstone	7,408	6,427	4,337	4,254	6,809	7,290	6,955	18,049	19,906
Marble	169	153	171	205	228	276	239	10,421	12,213
Limestone	128,980	115,506	112,574	134,717	150,409	166,742	163,746	215,451	222,513
All other	11,160	12,065	13,622	12,166	18,060	16,887	14,766	16,339	13,677
Building stone	810	200	382	707	739	981	916	24,909	29,910
Monumental	210	243	251	300	312	307	268	20,541	18,758
Paving blocks	7	4	2	5	5	3	2	33	27
Curbings	12	17	13	30	52	68	59	1,382	1,689
Flagging	32	21	21	38	41	41	44	585	652
Rubble	253	135	390	293	269	276	339	574	709
Riprap	4,950	4,011	4,801	3,848	5,783	5,707	7,568	7,553	9,830
Crushed stone	69,648	83,081	85,373	107,267	123,428	139,723	141,421	166,196	173,735
Furnace flux (limestone)	31,571	31,080	27,640	25,158	32,570	34,002	30,338	34,250	31,874
Refractory stone	2,708	2,314	2,527	2,088	2,704	2,557	2,386	6,531	6,327
Agricultural (limestone)	14,522	18,941	17,396	22,782	22,806	20,942	21,483	32,035	33,251
Other uses	17,113	15,584	14,610	16,335	10,096	20,033	19,211	34,306	34,079

¹ Quantities of stones not sold by short ton are expressed in approximate equivalents in short tons; expressed in their selling units, quantities for 1949 are as follows: Building stone (cut stone, slabs, and mill blocks), 10,367,050 cubic feet; monumental stone, 3,125,300 cubic feet; paving blocks, 275,570 (number); curbing, 738,250 cubic feet; and flagging, 555,950 cubic feet.

Source of tables 843 and 844: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 845.—EMPLOYMENT AND INJURIES IN MINERAL INDUSTRIES: 1936 TO 1949

YEAR	Average days active	WORKING		Man-days worked	Killed	INJURED		RATE ¹		
		Average number	Equivalent in 300-day workers			Total	Except coal mines	Killed	Injured	
								Total	Except coal mines	
1936	216	824, 514	503, 068	177, 920, 334	1, 686	92, 614	23, 068	2.8	156.2	109.8
1937	217	850, 951	622, 634	180, 700, 283	1, 750	96, 484	28, 207	2.8	155.0	117.7
1938	187	774, 504	483, 523	145, 056, 875	1, 360	71, 618	20, 304	2.8	148.1	107.3
1939	202	788, 925	531, 205	159, 388, 490	1, 334	75, 495	21, 480	2.5	142.1	102.5
1940	219	801, 926	585, 546	175, 663, 792	1, 716	82, 861	23, 080	2.9	141.5	99.7
1941	234	835, 095	651, 417	195, 425, 228	1, 621	90, 319	26, 854	2.5	138.7	102.0
1942	260	802, 640	659, 800	208, 739, 906	1, 862	94, 465	24, 901	2.7	135.8	93.8
1943	277	747, 645	691, 387	207, 416, 144	1, 790	88, 449	23, 865	2.6	127.93	90.5
1944	287	677, 005	648, 434	194, 530, 188	1, 571	83, 451	19, 760	2.4	128.70	88.4
1945	271	637, 220	575, 575	172, 672, 431	1, 270	73, 411	16, 294	2.2	127.54	82.5
1946	240	676, 254	542, 102	162, 630, 674	1, 167	72, 805	17, 455	2.2	134.30	89.1
1947	266	721, 702	616, 920	185, 076, 018	1, 407	76, 919	19, 259	2.8	124.68	85.3
1948	249	740, 088	615, 173	184, 551, 987	1, 227	70, 939	17, 467	2.0	115.32	75.4
1949 ²	207	717, 600	495, 957	148, 787, 000	772	53, 345	16, 580	1.6	107.56	71.8

¹ Number killed, or injured per 1,000 300-day workers.² Preliminary.

No. 846.—EMPLOYMENT AND INJURIES IN MINERAL INDUSTRIES, BY INDUSTRY GROUPS, 1949 AND EARLIER YEARS

[See also *Historical Statistics* series G 131-144 and G 156]

YEAR	WORKING		Killed	INJURED		YEAR	WORKING		Killed	INJURED	
	Avg. num- ber	Equivalent in 300-day workers		Tempo- rary	Per- manent		Avg. num- ber	Equivalent in 300-day workers		Tempo- rary	Per- manent
Metal mines:						Metallurgical plants—Con.					
1915	152, 118	141, 997	553	34, 636	609	1944	58, 085	63, 710	38	3, 923	230
1920	136, 588	134, 540	425	32, 205	357	1945	46, 407	50, 893	19	3, 103	165
1925	126, 713	123, 908	371	34, 458	674	1946	44, 954	42, 608	20	3, 068	180
1930	108, 233	92, 900	271	15, 091	503	1947	49, 082	51, 175	21	2, 975	253
1935	92, 814	67, 841	164	9, 953	253	1948	47, 768	50, 403	14	2, 501	248
1940	120, 120	90, 822	223	14, 343	423	1949	47, 663	46, 768	23	2, 567	—
1944	81, 874	78, 406	147	9, 757	420	Coke ovens:					
1945	71, 665	68, 963	112	7, 757	310	1916	31, 603	34, 119	45	5, 154	83
1946	76, 546	65, 115	116	8, 347	367	1920	28, 139	29, 921	49	3, 326	79
1947	83, 404	77, 073	138	9, 240	361	1925	23, 254	24, 054	28	1, 652	44
1948	83, 386	78, 522	119	8, 410	391	1930	19, 855	22, 936	28	990	32
1949	83, 749	71, 365	70	8, 065	—	1935	16, 125	17, 251	10	304	21
Quarries:						1940	10, 982	22, 579	15	522	22
1915	100, 740	82, 447	148	9, 148	523	1944	24, 766	28, 958	15	952	36
1920	86, 488	77, 089	178	10, 880	337	1945	22, 087	26, 383	18	801	34
1925	91, 872	89, 487	149	13, 713	452	1946	21, 410	24, 016	8	775	35
1930	80, 633	68, 531	105	7, 152	295	1947	23, 705	27, 044	15	882	44
1935	78, 005	48, 744	51	4, 023	129	1948	25, 187	29, 326	20	883	34
1940	79, 609	63, 737	72	5, 016	172	1949	24, 471	26, 201	7	666	47
1944	58, 476	52, 302	73	4, 322	115	Coal mines:					
1945	58, 180	51, 253	53	4, 032	89	1911	728, 348	532, 565	2, 656	(4)	(4)
1946	70, 265	64, 206	55	4, 076	161	1915	734, 008	511, 593	2, 289	(4)	(4)
1947	75, 245	60, 988	75	5, 315	189	1920	784, 621	601, 283	2, 272	(4)	(4)
1948	77, 844	73, 311	75	4, 824	170	1925	748, 805	480, 227	2, 284	(4)	(4)
1949	82, 209	75, 231	66	4, 656	171	1930	644, 006	412, 979	2, 063	101, 093	2, 728
Metallurgical plants:						1935	505, 202	338, 672	1, 242	63, 701	1, 874
1916	80, 201	88, 506	83	14, 863	217	1940	538, 267	354, 130	1, 388	57, 630	2, 151
1920	59, 232	65, 587	61	8, 714	149	1944	453, 937	424, 908	1, 208	62, 381	1, 310
1925	58, 035	66, 220	44	7, 480	231	1945	427, 021	378, 070	1, 008	56, 008	1, 109
1930	40, 787	44, 403	25	2, 570	156	1946	468, 079	346, 157	968	54, 346	1, 004
1935	36, 493	36, 438	28	1, 843	119	1947	490, 356	391, 040	1, 188	56, 528	1, 132
1940	49, 068	48, 278	18	2, 438	144	1948	507, 333	383, 610	999	52, 311	1, 161
1949 ³						1949 ³	482, 800	278, 880	503	237, 765	—

¹ Includes data for mines producing nonmetallic minerals other than coal.² Includes permanent.³ Preliminary.⁴ Not available.

Source of tables 845 and 846: Department of the Interior, Bureau of Mines; annual bulletins, Metal Mine Accidents, Quarry Accidents, Accidents at Metallurgical Plants, Coke Oven Accidents, and Coal Mine Accidents.

29. Construction and Housing

Construction.—Monthly estimates of the value of work put in place are probably the most widely used of the current Federal statistics on construction. These estimates are prepared jointly by the Department of Commerce and the Bureau of Labor Statistics. Estimates of private nonresidential construction activity are primarily the responsibility of the Department of Commerce. Publicly financed construction of all types and housing construction activity are primarily the responsibilities of the Bureau of Labor Statistics.

Estimates of privately financed nonresidential construction such as stores, warehouses, and factories are based primarily on F. W. Dodge Corporation reports of construction contracts awarded, supplemented by building permit data for States which the Dodge Corp. does not cover. Public utility construction estimates are derived from data reported by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations such as the American Gas Association and the American Transit Association.

A considerable number of Federal agencies administer construction programs or award contracts for construction; some of them engage in construction themselves. In this field, construction activity data are derived by the Bureau of Labor Statistics from the reports of the respective Federal agencies. Data on other State and local governmental construction activity are obtained from F. W. Dodge Corporation and Engineering News Record reports.

Estimates of residential construction activity, including number of housing units started, average construction costs, and number of units per structure, are based primarily upon reports of building permits granted which are received from approximately 4,000 permit-granting authorities. Field surveys on a sample basis are used to obtain data on construction activity in nonpermit areas. Sample field surveys are also conducted in permit areas to determine such factors as the proportion of permits allowed to lapse, the time lag between the grant of the permit and the date of start, the relationship between permit valuation and contract valuation, and the length of the building period. During 1946 and 1947 these national figures on housing units started and on average construction costs were supplemented by national data on units completed and by corresponding data for each of 60 local areas. The current program of the Bureau of Labor Statistics provides monthly estimates of the number of housing starts in the nation as a whole, but the series on completions and the local area data have been discontinued.

The Bureau of the Census has taken a Census of Construction for 1929, 1935, and 1939. The last census covered all persons or establishments whose principal business in 1939 was utilizing construction materials and labor in construction work for others, or for themselves for speculative and investment purposes on projects located within the limits of continental United States. Because the Census excluded force account work, its coverage was substantially less than current estimates of value of work put in place.

Housing.—The first national Census of Housing was taken in 1940 by the Bureau of the Census as part of the Sixteenth Decennial Census. Housing data, roughly comparable to those collected in the 1940 Census of Housing, were collected on a sample basis in April 1947 by the Bureau of the Census in its current population

survey. The 1950 Census of Housing, which was part of the Seventeenth Decennial Census, was the second national Census to provide data on housing characteristics. A sample of dwelling units enumerated in the 1950 Census of Housing was used as the basis for preliminary reports on housing. For evaluation of sampling variability, see original releases indicated in source notes. (See tables 862-869.)

For some of the 1950 items, comparability with previous censuses was affected by changes in definitions and procedures. Some of these changes are briefly explained below. For a fuller explanation see Department of Commerce, Bureau of Census, *Housing Characteristics of the United States: April 1, 1950*, Preliminary Reports, 1950 Census of Housing, Series HC-5, No. 1.

Urban and rural areas.—According to the new definition adopted for the 1950 Census, urban areas comprise (a) places of 2,500 inhabitants or more incorporated as cities, boroughs, towns,¹ and villages; (b) the densely settled urban fringe, including both incorporated and unincorporated areas, around cities of 50,000 or more; and (c) unincorporated places of 2,500 inhabitants or more outside any urban fringe. The remaining areas are classified as rural.

According to the 1940 definition, urban areas comprised all places of 2,500 inhabitants or more which are incorporated places and areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. For additional explanation, see page 2.

Farm and nonfarm residence.—In rural areas, dwelling units are subdivided into rural-farm units, which comprise all dwelling units on farms, and rural-nonfarm units, which comprise the remaining rural units. However, the method of determining farm and nonfarm residence in the 1950 Census differs somewhat from that used in earlier censuses. In the 1950 Census, dwelling units on farms for which cash rent was paid for the house and yard only were classified as nonfarm. Furthermore, dwelling units on institutional grounds and in summer camps and tourist courts were classified as nonfarm.

Dwelling unit.—The number of dwelling units, as shown for 1950 may be regarded as comparable with the number of dwelling units shown for earlier years. The instructions used for identifying a dwelling unit in the 1950 Census were more explicit than those used earlier. As a result, some living quarters may have been classified as separate dwelling units in one census and not in the other. However, the net effect of the change in the instructions is probably small.

Vacant dwelling unit.—The enumeration of vacant units in the 1950 Census of Housing was not entirely comparable with the procedure used in the 1940 Census. In 1950, vacant units were enumerated if they were intended for occupancy as living quarters regardless of their condition.

In 1940, vacant units were enumerated if they were habitable; vacant units which were uninhabitable and beyond repair were omitted from the enumeration. Vacant units for sale and vacant units for rent were enumerated as one combined category, and included all habitable vacant units which were available for occupancy even though not actually being offered for rent or sale at the time of enumeration.

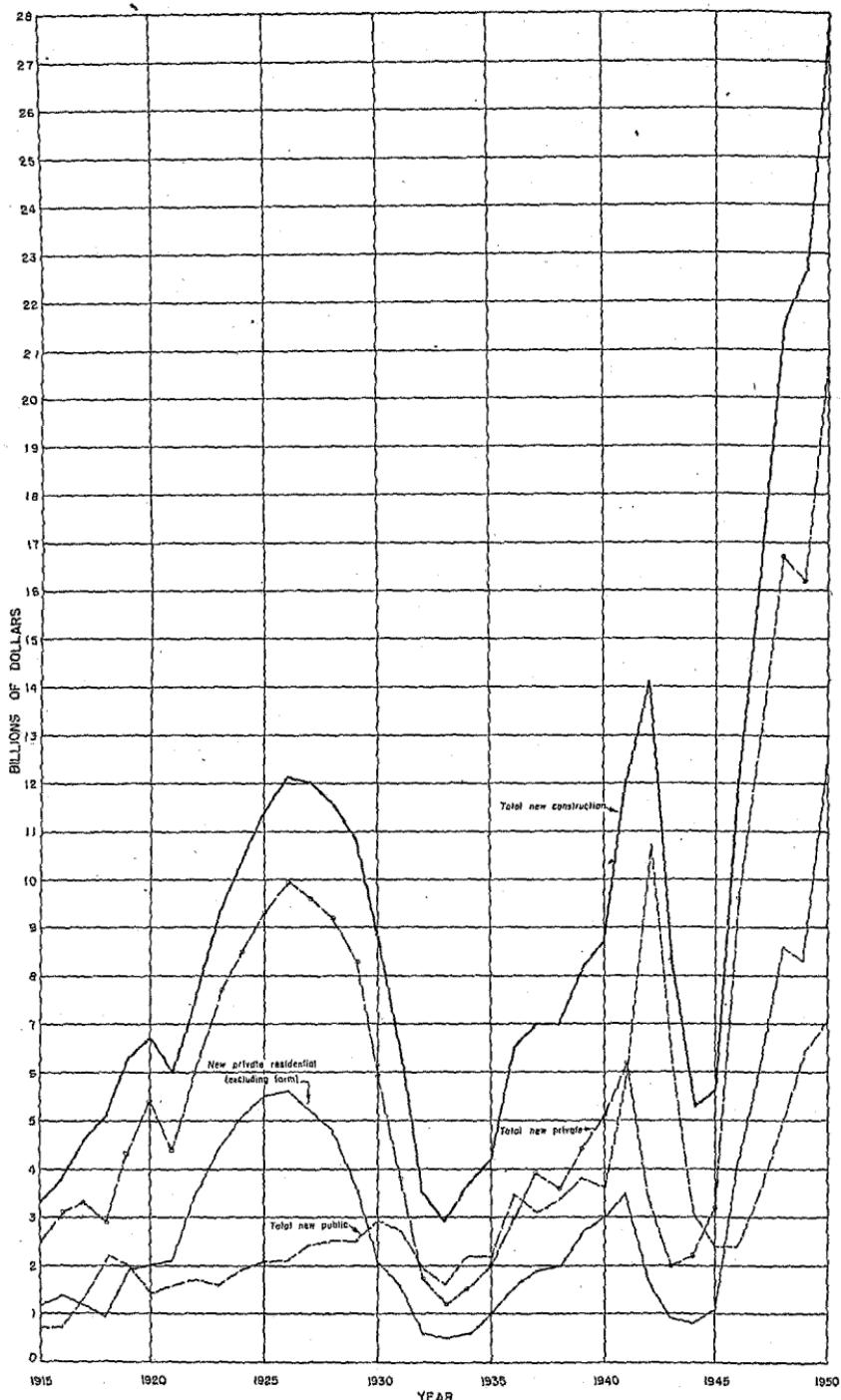
Data on home mortgages and foreclosures are provided by the Home Loan Bank Board. The Federal Housing Administration compiles data on its real estate financial operations, such as volume of mortgages insured, type of lending institution, etc.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series H 1-25") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

¹ Except in New England, New York, and Wisconsin, where "towns" are minor civil divisions of counties and are not necessarily densely settled centers like the towns in other States.

FIG. XXVI.—NEW CONSTRUCTION ACTIVITY: 1915 TO 1950

[See table 847]



Source: Department of Commerce, Bureau of the Census. Data are from Office of Industry and Commerce.

No. 847.—CONSTRUCTION IN THE UNITED STATES—ESTIMATED EXPENDITURES FOR PRIVATE AND PUBLIC CONSTRUCTION: 1915 TO 1950

[In millions of dollars. Represents value of work put-in-place during year; consequently differs from building permit and construction contract data which measure value of work started. In addition, coverage generally broader than permit and contract data. Includes value and cost of installation of equipment which is integral part of structure, but not that of machinery, shipbuilding, or land costs. Revised to include estimates of certain types of activity, properly classified as construction, previously omitted. For discussion of adjustments made, see *Construction and Construction Materials, Statistical Supplement*, May 1950. For unrevised data, see *Historical Statistics*, series H 1-20.]

TYPE OF CONSTRUCTION	1915	1916	1917	1918	1919	1920	1921	1922	1923
Total	4,890	5,568	6,385	7,237	8,696	9,560	8,671	10,417	12,355
New construction, total	3,262	3,849	4,569	5,118	6,206	6,749	6,004	7,647	9,332
Adjusted values, 1939 prices	5,590	5,942	5,767	5,540	5,935	5,059	5,658	7,881	8,760
Private, total	2,543	3,141	3,290	2,880	4,320	5,397	4,440	5,963	7,710
Residential (excl. farm)	1,220	1,375	1,199	915	1,850	2,015	2,105	3,360	4,400
Nonresidential building ¹	478	716	800	721	1,082	1,084	1,424	1,457	1,697
Industrial	197	262	364	449	621	1,099	574	407	540
Warehouses, office and loft bldgs.	(2)	(2)	(2)	(2)	(2)	258	258	286	292
Stores, restaurants and garages	(2)	(2)	(2)	(2)	(2)	367	312	327	424
Other nonresidential bldgs.	(2)	(2)	(2)	(2)	(2)	240	290	377	432
Farm construction	229	324	449	478	653	506	223	269	317
Operators' dwellings	108	154	109	203	273	268	98	119	142
Service buildings	120	170	250	275	380	300	125	150	175
Public utility	540	658	788	697	673	771	604	787	1,191
Railroad	241	281	361	365	266	184	184	176	361
Telephone and telegraph	43	61	85	73	76	124	102	117	158
Other public utility	265	310	342	250	331	403	318	494	672
All other private	67	68	63	59	62	81	74	90	105
Public, total	719	708	1,279	2,288	1,976	1,352	1,564	1,684	1,622
Residential				28	14				
Nonresidential building	217	207	192	199	246	283	387	481	481
Industrial	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Educational	(2)	(2)	(2)	(2)	(2)	190	274	342	346
Hospital and institutional	(2)	(2)	(2)	(2)	(2)	33	40	60	55
Other nonresidential	(2)	(2)	(2)	(2)	(2)	60	73	79	80
Military and naval	17	21	608	1,555	1,089	161	49	25	16
Highway	302	314	320	296	429	656	853	876	805
Sewer and water	106	95	91	94	124	153	178	201	203
Misc. public service enterprises	40	42	40	36	34	39	41	47	45
Conservation and development	36	28	27	29	39	55	52	48	65
All other public	1	1	1	1	1	5	4	6	7
Maintenance and repair	1,628	1,719	1,816	2,110	2,400	2,811	2,667	2,770	3,023

TYPE OF CONSTRUCTION	1924	1925	1926	1927	1928	1929	1930	1931	1932
Total	13,597	14,782	15,619	15,747	15,416	14,768	12,391	9,450	5,934
New construction, total	10,407	11,430	12,082	12,034	11,641	10,793	8,741	6,427	3,538
Adjusted values, 1939 prices	9,857	10,874	11,552	11,592	11,204	10,164	8,501	7,050	4,974
Private, total	8,506	9,301	9,938	9,625	9,156	8,307	5,883	3,768	1,676
Residential (excl. farm)	5,060	5,515	5,600	5,160	4,770	3,625	2,075	1,565	630
Nonresidential building ¹	1,675	2,060	2,513	2,534	2,573	2,694	2,003	1,099	502
Industrial	460	513	727	696	802	949	532	221	74
Warehouses, office and loft bldgs.	304	357	368	400	451	619	596	276	117
Stores, restaurants and garages	436	583	714	736	670	516	297	178	106
Other nonresidential bldgs.	475	607	679	693	650	610	578	424	205
Farm construction	298	311	297	355	331	307	193	97	37
Operators' dwellings	133	141	137	180	156	147	107	59	24
Service buildings	185	170	169	195	175	160	86	38	13
Public utility	1,356	1,302	1,415	1,450	1,372	1,578	1,527	946	467
Railroad	365	393	401	462	433	510	521	292	139
Telephone and telegraph	196	210	227	212	246	354	333	166	87
Other public utility	795	699	697	776	693	714	673	488	241
All other private	117	113	113	126	110	103	85	61	40
Public, total	1,901	2,138	2,144	2,409	2,485	2,480	2,858	2,659	1,862
Residential									
Nonresidential building	494	573	603	596	638	659	660	612	415
Industrial	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Educational	353	400	399	367	378	389	364	285	130
Hospital and institutional	60	61	68	80	108	101	118	110	83
Other nonresidential	81	112	136	149	152	169	178	217	202
Military and naval	9	8	11	12	15	19	29	40	34
Highway	987	1,082	1,067	1,222	1,289	1,266	1,516	1,355	958
Sewer and water	263	278	285	312	300	253	343	270	156
Misc. public service enterprises	65	120	111	102	157	151	157	209	135
Conservation and development	79	73	61	63	72	115	137	156	150
All other public	4	4	6	12	14	23	16	17	14
Maintenance and repair	3,190	3,343	3,537	3,713	3,775	3,975	3,650	3,023	2,306

¹ Public industrial and commercial building not segregable from private construction, 1915-32; amount believed negligible. ² Not available separately.

No. 847.—CONSTRUCTION IN THE UNITED STATES—ESTIMATED EXPENDITURES FOR PRIVATE AND PUBLIC CONSTRUCTION: 1915 TO 1950—Continued

[In millions of dollars]

TYPE OF CONSTRUCTION	1933	1934	1935	1936	1937	1938	1939	1940	1941
Total	5,198	6,482	7,186	10,087	10,674	10,652	11,964	12,560	16,126
New construction, total	2,870	3,720	4,232	6,497	6,990	6,980	8,198	8,682	11,957
Adjusted values, 1939 prices	3,268	3,823	4,649	6,625	6,683	6,654	7,855	8,203	10,480
Private, total	1,231	1,509	1,999	2,081	3,903	3,560	4,389	5,054	6,206
Residential (excl. farm)	470	625	1,010	1,505	1,875	1,900	2,680	2,085	3,510
Nonresidential building	406	455	472	713	1,085	764	786	1,025	1,482
Industrial	176	191	168	266	492	232	254	442	801
Warehouses, office and loft bldgs.	44	68	75	111	137	95	81	91	123
Stores, restaurants and garages	86	107	136	179	250	190	211	267	286
Other nonresidential bldg.	100	92	103	157	206	247	240	235	272
Farm construction	49	66	126	161	207	171	212	240	310
Operators' dwellings	29	36	61	76	100	79	108	145	182
Service buildings	20	30	65	85	107	92	106	95	128
Public utility	211	326	363	518	705	605	633	771	872
Railroad	94	128	116	149	199	110	137	167	187
Telephone and telegraph	45	47	52	67	102	92	93	122	179
Other public utility	122	151	195	302	404	394	453	482	506
All other private	45	36	28	24	31	30	28	33	32
Public, total ³	1,648	2,211	2,233	3,516	3,096	3,420	3,809	3,628	5,751
Residential	1	9	61	93	35	65	200	430	
Nonresidential building	230	363	328	701	560	672	970	615	1,646
Industrial	2	11	2	4	2	12	28	104	1,280
Educational	52	148	153	366	253	311	468	186	158
Hospital and institutional	40	51	38	74	73	97	127	54	42
Other nonresidential	127	153	185	257	222	252	352	241	166
Military and naval	36	47	37	29	37	62	125	385	1,020
Highway	847	1,000	845	1,362	1,226	1,421	1,381	1,302	1,066
Sewer and water	95	173	175	342	311	355	371	338	252
Misc. public service enterprises	65	55	71	167	134	137	136	131	141
Conservation and development	350	518	700	658	605	551	670	528	500
All other public	16	54	68	196	140	187	191	120	96
Maintenance and repair	2,310	2,762	2,954	3,590	3,675	3,672	3,766	3,878	4,169

TYPE OF CONSTRUCTION	1942	1943	1944	1945	1946	1947	1948	1949	1950
Total	18,184	12,500	9,689	10,525	17,823	24,062	29,801	30,537	36,215
New construction, total	14,075	8,301	5,259	5,633	12,000	16,627	21,572	22,594	27,715
Adjusted values, 1939 prices	10,888	6,131	3,932	4,075	7,454	8,624	10,151	10,870	12,711
Private, total	3,416	1,070	2,186	3,235	9,038	13,131	16,065	16,204	20,648
Residential (excl. farm)	1,715	885	815	1,000	4,015	6,310	8,580	8,290	12,500
Nonresidential building	635	233	351	1,020	3,341	3,142	3,621	3,228	3,767
Industrial	346	156	208	642	1,689	1,702	1,397	972	1,059
Warehouses, office and loft bldgs.	62	14	17	56	331	237	352	321	398
Stores, restaurants and garages	93	19	39	147	801	610	901	706	884
Other nonresidential bldg.	134	44	87	175	520	584	671	1,220	1,426
Farm construction	200	284	283	267	856	1,272	1,397	1,202	1,087
Operators' dwellings	135	121	108	100	409	611	671	621	531
Service buildings	125	163	175	167	447	661	726	671	556
Public utility	730	570	725	827	1,374	2,338	3,002	3,116	3,152
Railroad	197	211	247	264	258	318	379	352	310
Telephone and telegraph	155	61	83	117	305	510	713	533	470
Other public utility	434	298	305	446	811	1,510	1,910	2,431	2,402
All other private	19	7	12	21	52	69	65	78	112
Public, total ³	10,660	6,322	3,073	2,308	2,362	3,496	4,907	6,390	7,067
Residential	545	739	211	80	374	200	156	369	341
Nonresidential building	3,685	2,010	1,361	937	354	509	1,301	2,056	2,310
Industrial	3,437	1,870	1,230	755	113	96	196	177	220
Educational	128	63	41	59	101	287	618	634	1,158
Hospital and institutional	35	44	58	85	85	88	223	477	470
Other nonresidential	85	33	32	38	55	131	204	468	402
Military and naval	5,016	2,550	837	690	188	204	158	137	180
Highway	734	446	362	308	805	1,514	1,856	2,129	2,425
Sewer and water	160	107	79	97	104	351	555	619	655
Misc. public service enterprises	85	49	46	55	99	164	185	203	185
Conservation and development	357	285	163	130	240	394	620	792	875
All other public	69	136	14	11	18	70	87	95	96
Maintenance and repair	4,100	4,199	4,430	4,892	5,823	7,435	8,220	7,943	8,500

³ Includes work-relief construction, 1933-1943.

Source: Estimates of new construction are joint estimates of Department of Commerce, Office of Industry and Commerce, and Department of Labor, Bureau of Labor Statistics; maintenance and repair expenditures are estimates of Office of Industry and Commerce. Current estimates are published monthly in the Construction and Building Materials Industry Report and in the Survey of Current Business.

No. 848.—BUILDING CONSTRUCTION IN ALL URBAN AREAS—VALUE, BY CLASS OF CONSTRUCTION AND BY SOURCE OF FUNDS: 1949 AND 1950

[In thousands of dollars. Compiled from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. Covers entire urban area of United States which includes all incorporated places of 2,500 or more in 1940 and, by special rule, a small number of unincorporated civil divisions]

CLASS OF CONSTRUCTION	TOTAL		NON-FEDERAL		FEDERAL ¹	
	1949	1950	1949	1950	1949	1950
All building construction	7,396,274	10,408,292	6,727,411	9,721,917	668,863	686,375
New buildings						
Residential buildings ²	6,458,781	9,318,150	5,813,797	8,664,773	644,984	653,377
1-family dwellings	4,050,336	6,190,381	3,764,709	5,888,420	285,627	301,961
2-family dwellings ³	2,853,204	4,557,873	2,845,399	4,846,104	7,805	12,769
Multifamily dwellings ³	142,735	198,788	132,365	179,214	10,370	19,574
Nonhousekeeping buildings	1,014,612	1,049,212	747,160	779,594	267,462	289,618
Nonresidential buildings	2,408,445	3,127,769	2,049,088	2,776,353	350,357	351,416
Amusement buildings	99,197	90,741	99,197	90,741		
Churches	180,670	219,292	180,670	219,292		
Factories and workshops	203,690	296,803	203,690	296,803		
Public garages	47,484	46,157	47,484	46,157		
Private garages	90,690	104,712	90,690	104,712		
Service stations	40,976	59,770	40,976	59,770		
Institutions	308,250	476,264	125,315	178,481	272,935	297,773
Office buildings	124,845	271,783	124,845	271,783		
Public buildings	153,103	134,803	68,683	83,254	84,420	51,639
Public works and utilities	148,375	106,164	148,375	106,164		
Schools and libraries	439,717	564,533	437,715	562,529	2,002	2,004
Sheds, stables and barns	10,537	10,876	10,537	10,876		
Stores and warehouses	440,308	654,132	440,308	654,132		
All other	30,594	91,650	30,594	91,650		
Additions, alterations and repairs	937,493	1,090,142	913,614	1,057,144	23,879	32,008

¹ Housing financed solely by State and local governments is included under "Federal" to segregate public from private housing.

² Includes 1- and 2-family dwellings with stores.

³ Includes multifamily dwellings with stores.

Source: Department of Labor, Bureau of Labor Statistics; annual and current data are published in the monthly pamphlet, Construction, in monthly releases, and in the Monthly Labor Review.

No. 849.—NEW PERMANENT DWELLING UNITS STARTED IN NONFARM AREAS, BY TYPE: 1920 TO 1950

[Figures are estimates covering construction of all new permanent family dwelling units in nonfarm area of United States, based upon building-permit reports, and from 1946, on building-permit information, supplemented by data from field surveys in non-permit-issuing places. This area consists of all urban and rural nonfarm places. Urban designation is applied to all incorporated places with a population of 2,500 or more in 1940, and, by special rule, to a small number of unincorporated civil divisions. Rural nonfarm construction includes all construction for nonagricultural use in unincorporated areas and incorporated places of less than 2,500 population. See also *Historical Statistics*, series H 40-45; data for 1941-1945 in historical volume include temporary units]

YEAR	Total non-farm	AREA ¹		TYPE OF DWELLING		
		Urban	Rural non-farm	1-family	2-family ²	Multi-family ³
1920	247,000	196,000	51,000	202,000	24,000	21,000
1925	937,000	752,000	185,000	572,000	157,000	208,000
1930	830,000	236,000	94,000	227,000	29,000	74,000
1935	221,000	117,000	104,000	183,000	8,000	30,000
1940	603,000	397,000	206,000	486,000	37,000	80,000
1941	706,100	434,300	271,800	603,500	34,300	68,300
1942	356,000	227,400	128,600	292,800	20,100	43,100
1943	191,000	124,400	66,600	143,600	17,800	29,600
1944	141,900	96,200	45,700	117,700	10,600	13,600
1945	209,300	133,900	75,400	184,600	8,800	15,900
1946	670,500	403,600	266,900	590,000	24,300	55,200
1947	849,000	476,800	369,200	740,200	33,900	74,000
1948	931,600	524,900	406,700	766,600	40,900	118,100
1949	1,025,100	588,800	436,300	794,300	36,500	194,300
1950	1,396,000	827,800	568,200	1,154,100	44,800	197,100

¹ Urban and rural nonfarm classification for 1920-25 are based on 1930 Census; for 1930-50, on 1940 Census.

² Includes 1- and 2-family dwellings with stores. ³ Includes multifamily dwellings with stores.

Source: 1920-25, National Bureau of Economic Research; later years, Department of Labor, Bureau of Labor Statistics. Annual and current data published in monthly pamphlet, Construction.

No. 850.—CONSTRUCTION PROJECTS FINANCED WHOLLY OR PARTIALLY FROM FEDERAL FUNDS—VALUE OF CONTRACTS AWARDED AND FORCE ACCOUNT WORK STARTED: 1935 TO 1950

[In thousands of dollars. Covers continental U. S. only, excluding unknown value of some secret work]

TYPE OF PROJECT	1935	1939	1941	1943	1945	1947	1949	1950
Total	1,478,073	1,586,604	5,931,536	2,877,044	1,092,181	1,473,910	2,172,333	2,503,818
Airport construction ¹	(2)	4,753	490,427	243,443	41,210	25,075	49,317	39,847
Building construction:								
Residential	3,7,833	231,071	322,248	405,537	60,535	60,604	46,800	14,503
Nonresidential	434,949	438,151	4,098,883	1,602,800	746,382	363,309	831,431	1,110,751
Electrification ²	5,497	29,775	4,125	12,299	4,608	7,157	24,280	35,465
Reclamation	158,027	115,612	41,880	101,270	30,765	75,488	184,803	195,707
River, harbor, and flood control	280,698	109,811	157,804	54,467	41,385	232,212	312,754	226,414
Streets, roads, and highways ³	381,037	355,701	446,903	161,852	100,969	650,645	600,469	832,974
Water and sewerage	136,243	118,131	23,672	37,694	23,020	8,176	6,157	10,413
Miscellaneous ⁴	73,789	183,599	335,594	107,682	43,298	11,569	26,322	38,670

¹ Exclusive of hangars and other buildings.

² Included in miscellaneous.

³ Includes nonresidential construction at site of 3 Resettlement Administration projects for which breakdown of residential and nonresidential costs is not available.

⁴ Excludes loans granted by Rural Electrification Administration.

⁵ Includes work under jurisdiction of Bureau of Public Roads.

⁶ Includes forestry and railroad construction and repair projects.

Source: Department of Labor, Bureau of Labor Statistics; current data published in Monthly Labor Review.

No. 851.—FEDERAL EXPENDITURES—CIVIL PUBLIC WORKS: 1950 AND 1951

[In millions of dollars. For years ending June 30. Based on existing and proposed legislation. Includes direct Federal works and grants and loans to State and local governments for public works]

FUNCTION, ORGANIZATION UNIT AND PROGRAM	1950 actual	1951 estimate	FUNCTION, ORGANIZATION UNIT AND PROGRAM	1950 actual	1951 estimate
Civil public works, total	2,053	2,857	Transportation and communication:	695	715
Veterans' services and benefits	160	213	Department of Army, civil functions:		
Veterans' Administration, hospitals and domiciliary facilities	159	212	River and harbor works ²	127	124
Other	1	1	Panama Canal and Railroad	4	0
International security and foreign relations	1	7	Department of Commerce:		
Social security, welfare and health	19	53	Highways and roads	462	455
Federal Security Agency, grants for hospital construction	8	28	Airports and airways	58	67
Other	11	25	Department of Interior, Alaska	38	53
Housing and community development	10	228	Railroad and roads		
Housing and Home Finance Agency, United States Housing Act program, loans (net)	20	173	Treasury Department, navigation aids	3	10
Reconstruction Finance Corporation, civil defense and other community facilities, loans (net)	15	20	Other	2	(3)
Other	5	35	General government	19	78
Education and general research	1	16	General Services Administration, dispersal of government facilities (proposed legislation)		
Federal Security Agency, grants for emergency school construction			Other Federal buildings	17	65
Other	1	15	Memorials and cemeteries	2	8
Agriculture and agricultural resources	97	55	Natural resources	1,041	1,491
Department of Agriculture, grain storage facilities	95	53	Tennessee Valley Authority	51	244
Other	2	2	Department of Army, flood control ²	413	441
			Department of Interior:		
			Bureau of Reclamation ²	272	314
			Power transmission facilities	31	49
			National Park Service	9	10
			Bureau of Indian Affairs	14	25
			Other	4	6
			Department of Agriculture, forest roads and trails	5	11
			Department of State, International Boundary and Water Commission ²	3	6
			Atomic Energy Commission, production, research, and townsite facilities	230	377

¹ Deduct, excess of repayments and collections over expenditures.

² Includes multiple-purpose projects with hydroelectric generation facilities.

³ Less than \$500,000.

Source: Bureau of the Budget; the Budget of the United States Government, 1952, Special Analysis F.

No. 852.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE OF CONSTRUCTION AND FLOOR SPACE OF BUILDINGS, BY CLASS OF CONSTRUCTION: 1927 TO 1950

[Public works and public utilities cover some projects not measurable in terms of floor space, such as highways, pipelines, subways, etc. Statistics for the 37 States were not compiled for years prior to 1925, but available figures covering a varying number of States for earlier years have been published in the 1932 and previous issues of the *Statistical Abstract*. Figures for individual States and districts in table 853 represent value of construction contracts awarded in States and districts where work was actually done. See also *Historical Statistics*, series H 61-57.]

[Values in millions of dollars; floor space in thousands of square feet]

YEAR	Total	Residen-tial	Com-mer-cial ¹	Manu-fac-tur-ing build-ings ²	Pub-lic works	Pub-lic utili-ties ^{1, 2}	Edu-ca-tional	Hos-pi-tal and insti-tutional	Pub-lic build-ings	Re-ligious	Social and recrea-tional	Mis-cella-neous non-resi-dential
VALUE OF CONSTRUCTION												
1927	6,303.1	2,573.3	932.9	375.9	972.9	318.3	308.9	162.5	79.5	156.5	260.9	101.5
1928	6,628.3	2,788.3	884.6	608.8	984.4	417.4	300.0	164.7	76.2	127.9	218.8	67.0
1929	5,750.8	1,915.7	920.2	545.0	940.1	490.6	369.6	152.2	120.8	106.1	146.6	54.9
1930	4,523.1	1,101.3	616.3	236.6	969.6	629.8	366.2	163.1	139.8	92.8	116.6	70.9
1931	3,002.8	811.4	311.1	116.2	880.9	250.9	223.4	121.2	181.3	53.1	98.7	35.8
1932	1,351.2	240.7	122.7	43.5	621.1	62.4	50.7	48.4	118.0	27.3	33.9	13.2
1933	1,255.7	240.3	99.4	127.5	504.5	84.5	38.9	37.3	50.9	17.7	27.2	18.7
1934 ³	1,543.1	248.8	150.6	116.1	631.6	111.5	112.3	37.3	55.7	18.3	46.2	14.7
1935	1,844.5	478.8	164.5	108.9	689.1	95.7	168.3	47.1	97.8	23.7	54.0	16.0
1936	2,675.3	801.6	249.1	198.0	721.8	192.1	219.0	74.1	102.2	28.3	74.9	14.2
1937	2,913.1	906.3	297.0	313.7	588.7	262.9	223.2	81.8	104.9	36.9	83.8	14.8
1938	3,196.9	985.6	215.8	121.1	850.2	288.8	334.1	115.6	114.1	35.8	108.0	27.7
1939	3,550.5	1,334.3	240.9	174.8	961.7	289.0	201.4	82.9	110.0	38.4	82.2	25.9
1940	4,004.0	1,595.6	318.3	442.4	883.1	281.1	147.2	94.1	80.2	45.7	62.6	104.2
1941	6,007.5	1,953.8	471.2	21.1	181.5	1,109.3	628.7	140.9	88.5	89.4	52.5	78.1
1942	8,255.1	1,817.2	302.2	227.5	1,302.5	1,238.1	147.9	184.9	101.6	23.6	101.3	807.7
1943	8,274.0	867.8	120.7	766.2	470.6	511.4	62.4	110.7	24.7	7.1	58.2	274.2
1944	1,904.0	345.4	80.8	472.7	429.6	316.6	69.2	59.2	11.9	11.6	161.3	161.3
1945	3,290.3	563.5	346.4	1,027.0	482.6	402.8	100.2	112.6	16.0	34.8	60.3	153.2
1946	7,480.7	3,142.1	773.2	317.3	1,317.1	194.7	436.6	221.4	130.9	25.1	67.6	92.5
1947	7,759.9	3,153.8	785.5	941.4	1,344.0	546.4	301.9	192.0	73.1	117.5	122.1	92.2
1948	9,429.6	3,608.0	975.0	839.8	1,627.1	528.0	724.6	404.9	83.5	245.2	232.4	161.0
1949	10,359.2	4,230.4	885.0	558.6	1,773.6	607.4	824.4	554.8	118.0	275.5	222.1	204.7
1950	14,501.1	6,741.0	1,208.5	1,142.3	1,930.0	648.4	1,179.8	655.2	124.3	336.3	261.3	273.9
FLOOR SPACE OF BUILDINGS												
1927	850,578	494,566	141,815	68,131	918	4,535	53,917	18,802	9,943	17,192	33,520	7,240
1928	966,558	568,382	159,102	92,902	609	3,406	61,490	20,004	11,288	15,398	28,012	5,785
1929	791,099	387,670	161,264	105,524	450	5,352	58,639	19,406	12,626	12,818	21,457	5,902
1930	510,382	280,040	90,586	48,019	826	7,611	50,955	19,121	17,028	10,864	16,089	7,248
1931	365,841	190,274	50,037	20,109	496	4,550	30,598	16,880	24,257	5,578	14,018	3,044
1932	165,577	73,607	23,884	9,048	575	1,219	13,710	7,310	10,198	3,518	5,535	904
1933	147,058	72,783	22,551	18,985	170	1,491	5,523	5,508	9,474	2,633	5,606	2,239
1934	152,394	64,255	28,201	17,566	292	1,804	16,775	4,222	9,425	2,650	6,532	612
1935	251,558	135,416	38,301	20,688	915	1,077	26,046	6,176	18,522	3,534	7,009	934
1936	409,676	222,514	57,178	40,291	1,038	3,360	41,085	10,369	14,282	4,812	12,532	1,495
1937	446,094	235,615	62,283	60,816	1,301	5,197	36,489	11,411	12,464	5,730	13,644	1,334
1938	420,028	240,561	41,789	25,246	1,038	1,679	57,022	17,236	15,694	5,303	17,691	5,893
1939	513,380	332,050	48,708	44,268	603	1,319	34,418	11,503	15,121	6,213	12,371	6,020
1940	690,459	420,531	66,568	54,772	330	1,536	24,761	14,401	11,869	7,108	11,909	36,663
1941	956,710	502,676	105,881	187,923	11,647	2,104	24,499	15,304	14,453	8,567	14,761	68,844
1942	1,314,220	474,749	74,079	446,055	18,400	3,837	30,580	34,083	19,806	3,477	23,326	216,117
1943	448,244	200,647	22,171	105,822	1,851	1,090	11,969	19,947	4,754	1,001	12,862	66,130
1944	234,549	73,965	12,490	84,356	1,200	3,748	9,797	7,687	1,099	1,420	5,096	32,769
1945	412,423	111,244	63,197	168,207	1,348	13,701	12,453	11,331	1,588	4,569	8,097	26,423
1946	959,610	516,256	118,563	235,238	919	10,587	25,888	15,246	2,211	8,404	11,292	15,060
1947	831,965	478,713	100,043	142,990	648	3,942	41,042	19,916	6,320	12,282	14,235	11,838
1948	850,651	404,256	100,602	109,693	243	1,046	72,345	35,487	6,184	21,162	21,092	17,664
1949	800,360	520,477	86,446	61,143	14	5,216	79,048	42,076	7,726	24,598	20,992	21,638
1950	1,313,879	828,140	122,430	114,800	(*)	2,407	110,554	44,526	9,450	29,371	24,210	27,922

¹ Data for airports now included with "Public utilities"; prior to 1930, included with "Commercial."

² Data for pipe lines now included with "Public utilities"; prior to 1929, included with "Manufacturing buildings."

³ Excludes data for 23 Civil Works Program projects, valued at \$29,551,900, not available by class of construction.

⁴ Not shown separately; negligible amount with respect to total.

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record. Figures published currently in Statistical Research Service.

No. 853.—CONSTRUCTION CONTRACTS AWARDED IN 37 STATES—VALUE, BY DISTRICTS AND STATES: 1943 TO 1950

[Value in thousands of dollars. See headnote, table 852]

DISTRICT AND STATE	1943	1944	1945	1946	1947	1948	1949	1950
Total (37 states).....	3,273,990	1,094,016	3,299,303	7,489,722	7,769,868	9,429,618	10,359,250	14,501,055
New England.....	190,756	88,778	164,627	563,411	526,097	605,599	643,220	959,983
Connecticut.....	54,901	23,623	55,313	172,129	107,034	183,686	192,274	289,850
Maine.....	27,427	6,531	6,816	28,347	24,720	26,074	29,705	39,589
Massachusetts.....	74,113	39,988	82,805	292,511	204,260	304,173	330,944	485,577
New Hampshire.....	2,789	3,466	4,704	17,367	23,181	27,845	25,402	33,879
Rhode Island.....	27,038	13,980	12,121	29,741	20,868	45,083	46,370	60,192
Vermont.....	4,458	1,200	2,778	18,310	17,075	17,938	18,426	20,896
Metro. N. Y. and No. N. J.	165,443	156,949	247,454	897,443	968,350	1,111,608	1,440,153	1,867,333
Northern New Jersey.....	72,986	103,743	101,018	307,756	209,750	346,460	332,476	607,893
Metropolitan New York ¹	92,457	53,206	145,836	589,687	608,600	705,148	1,107,677	1,259,490
Upstate New York ²	77,604	54,612	79,289	289,767	253,333	388,280	428,387	507,194
Middle Atlantic.....	485,371	337,381	488,308	958,407	963,233	1,227,366	1,368,431	1,852,488
Delaware.....	15,332	7,837	18,013	17,918	25,231	57,226	51,932	62,418
District of Columbia.....	33,682	30,382	41,510	61,033	78,948	71,080	128,777	90,514
Maryland.....	106,942	88,951	101,726	297,933	270,502	326,085	371,813	530,204
Southern New Jersey.....	39,487	14,157	30,745	71,905	54,800	65,213	75,531	139,878
Eastern Pennsylvania.....	116,688	93,807	157,784	316,033	342,441	507,304	472,129	624,747
Virginia.....	173,242	107,247	112,631	192,805	191,302	199,558	258,256	302,007
Southeast.....	703,820	236,159	483,971	1,025,337	939,611	1,115,920	1,232,589	1,769,169
Alabama.....	65,493	30,484	60,870	141,245	118,908	128,234	176,354	226,588
Florida.....	104,556	81,256	106,027	287,847	344,728	392,092	361,093	531,938
Georgia.....	73,711	42,300	66,759	105,737	140,210	181,531	215,067	206,170
North Carolina.....	91,438	46,203	80,504	180,286	161,038	188,367	193,873	287,820
South Carolina.....	52,160	21,784	21,948	119,020	76,651	88,581	101,287	134,229
Eastern Tennessee.....	256,462	34,042	157,749	101,202	89,067	137,115	184,045	292,424
Pittsburgh.....	62,975	61,515	91,797	245,649	278,969	358,806	391,058	608,846
Western Pennsylvania.....	40,654	36,799	60,958	161,577	209,821	256,578	319,132	512,988
West Virginia.....	22,321	25,716	30,844	84,072	69,148	102,228	71,026	95,858
Cleveland (North and East Ohio).....	146,942	99,071	184,027	431,488	383,979	466,597	499,263	709,362
Cincinnati.....	105,345	46,605	110,110	235,520	243,670	255,387	310,462	460,006
Kentucky.....	84,954	22,338	45,565	100,582	115,807	119,747	156,016	191,187
Southwest Ohio.....	70,301	24,267	64,545	134,038	127,863	135,640	154,440	208,819
Southern Michigan.....	160,769	85,619	173,979	390,318	412,591	478,770	542,129	820,368
Chicago.....	273,449	258,952	509,695	963,007	889,136	1,194,665	1,139,760	1,566,813
Northern Illinois.....	110,384	99,007	201,114	420,158	408,970	557,828	504,151	755,638
Indiana.....	89,772	66,032	184,712	253,887	198,233	244,000	236,055	389,153
Iowa.....	35,785	33,297	48,702	118,846	95,186	156,793	150,225	193,980
Northern Michigan.....	908	2,551	2,080	12,264	9,228	10,545	17,779	17,267
Southeast Wisconsin.....	27,630	58,065	72,307	151,012	177,517	216,409	231,550	300,595
St. Louis.....	126,918	110,985	214,991	320,689	463,972	500,581	512,815	683,603
Arkansas.....	44,555	42,251	70,568	88,103	108,283	105,023	101,010	126,076
Southern Illinois.....	38,597	30,531	46,048	65,597	154,580	145,805	139,903	174,289
Eastern Missouri.....	20,097	27,800	63,814	105,385	131,466	167,734	191,626	279,144
Western Tennessee.....	23,689	10,403	29,066	61,604	69,643	81,410	80,276	104,154
New Orleans.....	121,293	73,481	70,418	119,327	231,356	271,939	315,887	414,673
Louisiana.....	82,345	52,706	46,312	74,038	151,823	190,217	227,406	311,198
Mississippi.....	38,658	20,685	24,161	44,689	79,533	72,722	88,392	103,475
Minneapolis.....	39,695	40,823	88,335	243,648	241,288	299,249	392,873	457,666
Minnesota.....	18,548	27,967	56,635	170,748	150,349	182,226	207,009	301,443
North Dakota.....	3,710	4,400	0,703	22,747	37,487	45,685	84,745	62,790
South Dakota.....	13,000	4,228	7,626	28,381	30,298	39,529	70,256	62,002
Northwest Wisconsin.....	4,347	4,228	12,371	21,772	23,154	31,809	30,803	31,431
Kansas City.....	294,432	163,230	162,757	292,252	340,128	443,687	475,273	661,929
Kansas.....	80,026	67,551	49,511	92,088	118,475	122,978	152,521	213,574
Western Missouri.....	11,266	16,048	30,080	50,315	53,917	81,051	86,656	89,321
Nebraska.....	83,150	43,447	38,217	50,025	64,368	99,679	73,507	106,071
Oklahoma.....	110,991	36,184	44,049	80,024	103,368	130,070	162,586	252,963
Texas.....	319,268	159,856	264,604	538,509	624,155	716,164	676,400	1,071,502
Total for States in more than one district:								
Illinois.....	157,951	129,538	247,157	491,755	563,550	703,633	644,054	920,837
Michigan.....	161,677	88,170	176,659	402,572	421,819	498,315	559,988	837,635
Missouri.....	81,363	43,848	93,394	184,700	185,383	248,785	278,282	368,465
New Jersey.....	112,478	117,900	132,363	379,751	354,559	411,673	408,007	747,771
New York.....	170,061	107,818	225,125	859,454	921,933	1,148,428	1,536,614	1,766,684
Ohio.....	217,333	123,338	248,572	566,376	511,842	602,237	653,709	978,181
Pennsylvania.....	157,340	120,606	218,737	477,610	552,262	763,882	791,254	1,127,735
Tennessee.....	280,131	44,445	180,815	162,806	158,710	218,534	264,321	306,578
Wisconsin.....	31,977	62,293	84,768	173,084	200,671	248,218	262,413	332,326

¹ Includes 5 boroughs, Nassau, Orange, Putnam, Rockland, Suffolk, and Westchester Counties.² All counties north of Orange, Putnam, and Rockland.

No. 854.—CONSTRUCTION CONTRACTS AWARDED—INDEXES OF VALUE: 1920 TO 1950

1923-25 average=100. Indexes are derived from monthly figures of construction contracts awarded reported by F. W. Dodge Corporation. Reports covered 37 States beginning with May 1924 and a varying number for earlier years. In order to obtain comparable figures from 1919 to date, total value of construction contracts awarded in 37 States was estimated for January 1919 through April 1924. Seasonal adjustments computed separately for "residential" and "all other" types of construction and the two series combined. Indexes based on a 3-month moving average, centered at middle month. For more detailed description of indexes, see *Federal Reserve Bulletin* for July 1931.

YEAR	Total	Residential	All other	YEAR AND MONTH	Total	Residential	All other	YEAR AND MONTH	Total	Residential	All other
1920	63	30	90	1930	72	60	81	1949—Con.	209	200	217
1921	56	44	65	1940	81	72	89	July	229	228	230
1922	70	68	88					August	246	254	240
1923	84	81	86	1941	122	80	149	September	263	260	259
1924	94	95	94	1942	166	82	235	October	265	256	273
1925	122	124	120	1943	68	40	92	November	262	255	208
				1944	41	18	61	December			
1926	120	121	135	1945	68	26	102				
1927	120	117	139					1950			
1928	135	126	142	1946	153	143	161	January	242	245	230
1929	117	87	142	1947	157	142	169	February	263	260	260
1930	92	50	125	1948	190	162	214	March	275	278	274
				1949	211	102	226	April	284	208	273
1931	63	37	84	1950	205	805	287	May	274	303	250
1932	28	13	40					June	291	325	262
1933	25	11	37	1949							
1934	32	12	48	January	174	133	207	July	325	309	280
1935	37	21	50	February	169	123	207	August	334	362	311
				March	175	130	212	September	321	332	312
1936	55	37	70	April	177	141	206	October	269	204	303
1937	59	41	74	May	181	159	199	November	306	284	323
1938	64	45	80	June	195	176	210	December	332	297	360

Source: Board of Governors of the Federal Reserve System; figures published currently in *Federal Reserve Bulletin*.

No. 855.—ENGINEERING CONSTRUCTION CONTRACTS AWARDED—VOLUME, BY TYPE: 1929 TO 1950

[In millions of dollars. Covers continental U. S. construction projects of following minimum costs through 1945 (except for 1932-35): Waterworks, excavation, drainage, and irrigation, \$15,000; other public works, \$25,000; industrial buildings, \$40,000; other buildings, \$150,000. For 1946, these minimums were raised to \$22,500, \$40,000, \$55,000, and \$205,000, respectively, to account for rise in construction costs. For 1947-50, minimums used were: \$25,000, \$50,000, \$68,000, and \$250,000. For 1932-35, minimums used were: \$10,500, \$17,500, \$28,000, and \$105,000]

YEAR	Total	PUBLIC WORKS CONTRACTS						PRIVATE CONTRACT BUILDINGS		Unclassified
		Water-works	Sewer-age	Bridges	Earth-work, irr., drain.	Streets, roads	Buildings	Indus-trial	Com-mercial	
1929	3,950	49	88	187	77	542	356	547	1,670	484
1930	8,173	49	83	131	77	585	356	331	1,034	528
1931	2,432	57	73	116	143	545	384	160	561	387
1932	1,210	35	25	84	101	380	241	93	166	95
1933	1,068	67	22	98	137	288	121	152	106	77
1934	1,361	92	61	99	266	345	204	105	81	106
1935	1,590	81	100	98	259	325	293	172	109	148
1936	2,387	92	121	188	182	483	436	309	275	300
1937	2,437	104	95	133	110	415	333	477	460	309
1938	2,792	131	136	135	268	638	503	152	560	279
1939	3,003	163	160	151	233	644	593	283	388	390
1940	3,987	70	91	120	234	678	1,196	504	400	603
1941	5,869	77	89	112	245	588	2,786	496	486	996
1942	² 9,306	151	118	50	251	531	5,678	200	292	² 034
1943	³ 3,002	46	41	28	47	227	1,419	167	231	858
1944	1,730	33	32	17	64	196	658	174	140	416
1945	2,289	61	35	53	57	227	468	635	387	371
1946	5,176	109	114	129	328	769	414	1,113	1,846	354
1947	5,659	139	175	106	327	794	616	862	1,398	652
1948	7,219	209	228	303	519	996	1,161	1,096	1,888	820
1949	8,157	207	277	357	624	897	1,736	950	2,406	803
1950	12,352	215	287	369	417	1,268	2,764	1,083	4,092	1,250

¹ Includes bridges under private contract; amount in 1950, \$10,610,000.

² \$1,300 millions canceled by W. P. B.

³ Add \$1,357 millions for Atomic Bomb plants.

No. 856.—ENGINEERING CONSTRUCTION CONTRACTS AWARDED—VOLUME, BY TYPE, BY STATES: 1950

[In thousands of dollars. Covers continental U. S. construction projects of following minimum costs: Waterworks, excavation, and irrigation, \$28,000; other public works, \$60,000; industrial buildings, \$68,000; other buildings, \$250,000]

STATE	Total	PUBLIC WORKS CONTRACTS						PRIVATE CONTRACT BUILDINGS		Un-classified
		Water-works	Sewer-age	Bridges ¹	Earth-work, irr., drain.	Streets, roads	Buildings	Indus-trial	Com-mer-cial	
United States	12,351,607	214,785	287,416	369,344	416,618	1,268,333	2,764,281	1,682,822	4,092,189	1,255,819
Alabama	146,331	5,273	872	2,284	244	15,570	24,440	60,921	26,516	10,211
Arizona	64,648	250	1,065	607	6,635	7,712	4,571	—	3,462	20,416
Arkansas	133,226	831	1,831	1,414	20,386	14,928	45,816	5,383	6,799	36,388
California	403,253	15,744	87,146	10,951	52,440	63,404	165,757	66,625	472,476	62,710
Colorado	63,006	3,808	1,439	1,583	9,658	10,867	11,355	3,111	13,161	9,024
Connecticut	168,664	1,748	4,004	2,606	555	4,650	77,410	14,124	59,324	4,153
Delaware	66,107	582	941	3,163	631	5,371	6,842	1,776	46,267	534
Dist. of Columbia	61,730	716	909	—	564	—	2,157	7,003	13,169	1,837
Florida	274,154	6,504	9,485	11,207	6,662	27,061	36,108	56,283	109,316	11,623
Georgia	162,342	1,724	3,144	7,128	5,215	17,543	24,030	18,831	65,346	9,386
Idaho	71,830	145	438	1,070	5,039	8,173	29,879	3,774	1,615	21,691
Illinois	624,727	5,014	14,498	8,030	8,602	26,746	82,684	151,018	229,581	98,464
Indiana	211,655	2,974	7,536	6,007	1,922	16,118	22,020	104,846	35,664	14,473
Iowa	111,220	2,231	2,879	11,435	3,563	29,779	14,014	13,053	20,565	13,651
Kansas	146,693	1,433	3,295	3,945	2,298	22,305	28,948	26,556	29,876	28,078
Kentucky	606,810	1,021	1,211	2,828	8,906	36,312	515,329	63,680	30,408	7,028
Louisiana	277,017	8,895	8,163	10,286	23,611	28,308	26,329	34,089	80,270	56,157
Maine	15,521	211	805	2,269	549	4,828	2,086	102	2,474	2,197
Maryland	233,649	7,076	9,645	11,059	918	41,209	62,238	15,290	78,442	11,812
Massachusetts	253,341	4,974	7,003	4,765	2,746	51,664	105,329	5,051	55,559	16,250
Michigan	251,922	7,736	11,763	5,140	1,829	16,511	45,425	112,056	45,906	6,556
Minnesota	169,758	2,100	5,572	1,707	7,308	28,874	37,508	17,532	59,589	9,388
Mississippi	95,306	1,561	3,128	2,434	7,500	9,338	11,941	6,667	14,181	38,647
Missouri	334,382	1,333	2,577	3,854	8,396	17,500	28,853	48,624	117,473	105,772
Montana	45,886	581	75	1,267	9,016	11,000	8,432	300	3,181	11,426
Nebraska	93,284	1,150	745	6,730	11,174	12,308	7,536	7,329	19,046	27,207
Nevada	9,538	219	—	—	839	5,525	270	345	600	1,734
New Hampshire	10,464	462	654	188	—	4,043	2,700	—	2,351	—
New Jersey	465,599	1,832	7,752	82,441	8,038	99,344	35,487	30,264	194,981	10,460
New Mexico	120,454	1,837	1,746	1,059	3,316	17,011	40,608	774	23,042	30,101
New York	1,025,149	26,487	26,757	36,142	9,780	72,794	165,841	61,643	590,748	31,057
North Carolina	253,376	2,900	1,662	9,096	743	48,044	70,705	62,359	53,420	8,338
North Dakota	63,601	1,957	692	896	15,316	12,856	6,049	4,710	5,159	16,028
Ohio	504,004	6,593	8,236	10,401	2,704	52,610	54,331	147,420	200,805	20,004
Oklahoma	164,907	8,121	4,052	6,537	2,808	38,401	29,640	16,846	12,842	44,760
Oregon	131,840	2,476	5,041	4,087	23,601	15,137	18,240	11,850	20,080	30,328
Pennsylvania	902,873	17,902	20,452	30,698	8,493	142,302	107,861	120,703	424,643	29,614
Rhode Island	42,833	1,050	4,644	2,684	379	6,249	11,875	1,201	11,205	3,646
South Carolina	341,287	2,220	2,137	1,804	6,020	12,466	273,614	25,273	13,694	3,069
South Dakota	44,259	426	575	717	13,178	7,833	4,086	263	7,638	0,543
Tennessee	181,937	2,939	2,671	7,123	13,324	22,308	47,731	24,693	43,277	17,811
Texas	1,353,110	39,640	34,308	5,240	34,910	87,384	111,505	198,418	572,330	269,857
Utah	37,120	894	93	363	1,260	6,754	17,190	5,211	3,741	1,023
Vermont	6,355	—	68	369	20	701	770	—	4,421	—
Virginia	177,123	3,413	5,843	20,720	8,042	10,256	42,776	14,946	42,629	10,498
Washington	451,564	3,401	8,530	10,708	56,548	24,434	244,396	17,981	58,808	26,758
West Virginia	87,617	252	—	3,162	142	8,563	7,636	55,792	5,087	6,083
Wisconsin	162,464	2,482	8,661	8,238	1,684	25,648	32,026	41,070	41,356	6,299
Wyoming	47,542	717	953	158	3,806	8,675	4,492	—	6,429	22,312

¹ Includes bridges under private contract amounting to \$10,610,000.

Source: Engineering News-Record, New York, N. Y.

No. 857.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1946
TO 1950

[Valuation figures are derived from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. No land costs are included. For type of building covered see table 848. Cities shown had a population of 50,000 and over in 1940]

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1946	1947	1948	1949 1	1950 1	1946	1947	1948	1949 1	1950 1
Akron, Ohio	13,880	18,037	24,754	19,110	33,342	1,381	1,006	1,154	1,111	2,041
Albany, N. Y.	4,935	7,184	19,743	9,147	11,052	108	449	201	187	949
Allentown, Pa.	4,498	5,632	6,079	6,192	11,267	275	391	420	226	486
Altoona, Pa.	1,491	2,708	2,807	1,442	3,044	186	119	100	75	117
Amarillo, Tex.	7,508	9,111	10,994	16,939	26,081	1,193	1,152	1,444	1,986	2,350
Arlington Co., Va. ²	14,023	24,709	21,260	27,173	29,850	1,455	2,611	1,909	2,468	2,052
Asheville, N. C.	1,753	2,951	2,929	4,352	4,627	231	263	194	604	447
Atlanta, Ga.	23,403	28,439	31,822	30,416	48,560	1,533	1,370	1,071	2,144	3,773
Atlantic City, N. J.	2,188	2,017	2,077	1,777	8,141	167	16	28	38	981
Augusta, Ga.	1,965	3,592	4,152	3,304	4,655	263	285	340	233	243
Austin, Tex.	19,033	20,757	27,205	31,090	30,622	3,789	2,234	2,609	1,840	2,837
Baltimore, Md.	50,016	45,168	57,552	55,921	50,252	5,045	5,505	5,023	5,039	7,771
Bayonne, N. J.	1,774	1,786	4,206	1,908	2,868	219	169	20	115	278
Beaumont, Tex.	3,798	6,708	4,424	9,336	3,9,279	663	800	1,286	1,116	3,823
Berkeley, Calif.	7,079	8,590	10,385	8,499	14,885	389	309	367	385	433
Bethlehem, Pa.	2,581	2,671	5,315	3,369	10,062	165	164	304	240	666
Binghamton, N. Y.	3,102	4,010	4,872	4,839	3,767	372	159	204	325	246
Birmingham, Ala.	15,764	18,041	18,143	37,867	38,238	2,067	2,416	1,803	4,193	4,019
Boston, Mass. ⁴	42,906	31,577	54,987	43,176	68,068	1,023	890	1,642	1,508	2,353
Bridgeport, Conn.	5,304	6,447	7,243	4,016	17,040	222	479	352	222	1,301
Brooklyn, Mass.	1,683	3,113	2,285	3,665	3,933	127	170	157	304	170
Buffalo, N. Y.	16,197	27,070	15,049	15,934	20,808	270	466	630	873	1,355
Cambridge, Mass.	8,818	9,331	8,996	14,581	6,424	766	57	91	810	55
Camden, N. J.	5,314	9,885	274	5,001	8,517	362	349	470	805	
Canton, Ohio	4,072	4,527	4,038	5,862	7,884	364	356	345	351	517
Cedar Rapids, Iowa	5,644	4,057	5,273	7,019	11,231	645	348	427	353	859
Charleston, S. C.	1,546	1,809	4,536	3,637	3,736	44	60	178	402	135
Charleston, W. Va.	3,403	6,650	9,861	9,688	13,241	238	402	378	347	702
Charlotte, N. C.	9,700	10,955	17,552	23,350	32,049	1,129	1,257	1,198	3,358	3,136
Chattanooga, Tenn.	4,923	6,782	7,000	9,028	12,336	580	513	349	442	982
Chester, Pa.	3,713	1,324	2,013	1,234	5,545	355	35	74	9	418
Chicago, Ill.	122,405	120,705	173,300	163,177	269,782	7,341	5,455	6,285	8,091	16,196
Cicero, Ill.	2,707	3,098	3,354	3,619	5,894	76	158	126	54	6,139
Cincinnati, Ohio	55,025	31,117	40,899	37,005	61,472	2,132	1,144	1,307	1,090	2,349
Cleveland, Ohio	38,547	43,028	40,766	40,768	66,489	2,167	2,123	1,032	2,195	2,913
Cleveland Heights, Ohio	1,361	3,394	3,512	5,202	6,278	99	182	138	220	6,338
Columbia, S. C.	3,328	5,547	6,842	8,730	9,163	505	577	436	661	664
Columbus, Ga.	3,483	3,637	7,356	5,638	11,205	120	206	199	493	590
Columbus, Ohio	19,404	23,840	30,053	34,072	48,733	2,516	1,977	1,991	2,619	4,549
Corpus Christi, Tex.	9,873	14,627	15,757	16,113	25,583	1,186	1,705	1,075	1,855	2,461
Covington, Ky.	958	885	1,242	2,068	634	22	28	30	17	22
Dallas, Tex.	44,628	63,258	76,061	69,079	132,948	5,546	7,736	6,981	6,309	12,197
Davenport, Iowa	4,270	4,637	5,761	5,540	10,570	438	319	310	251	547
Dayton, Ohio	10,488	13,259	12,039	13,919	21,824	869	1,146	759	1,009	1,743
Dearborn, Mich.	9,810	17,137	20,562	30,582	43,405	774	1,352	1,354	1,873	2,486
Decatur, Ill.	2,349	4,057	3,027	3,750	8,498	250	220	220	320	8,207
Denver, Colo.	30,049	29,178	48,372	43,713	66,797	5,181	2,692	3,079	3,947	6,011
Des Moines, Iowa	13,255	12,676	12,471	26,581	24,870	1,394	968	888	1,468	1,842
Detroit, Mich.	116,848	147,607	141,388	188,382	200,273	9,496	10,973	7,235	13,356	13,565
Duluth, Minn.	4,432	4,540	5,937	6,048	7,554	524	412	325	651	
Durham, N. C.	4,380	5,646	8,698	8,694	17,090	326	516	554	493	617
East Chicago, Ind.	3,570	2,614	1,832	1,728	2,966	46	40	38	34	132
East Orange, N. J.	2,310	4,348	3,891	10,806	8,724	304	336	322	1,644	545
East St. Louis, Ill.	3,135	2,307	2,568	4,080	3,437	191	213	255	212	204
Elizabeth, N. J.	2,739	5,395	2,944	4,098	6,897	289	717	32	544	768
El Paso, Tex.	5,325	8,011	13,171	16,204	24,897	707	566	876	1,364	2,379
Erie, Pa.	5,739	4,663	13,422	7,557	13,743	578	433	696	534	1,115
Evanson, Ill.	6,910	8,154	10,264	11,087	14,151	441	502	282	285	580
Evansville, Ind.	3,673	4,646	4,874	5,168	5,103	337	787	399	419	717
Fall River, Mass.	2,025	1,788	2,260	4,199	3,860	204	118	130	430	289
Flint, Mich.	10,497	11,141	12,171	14,023	26,368	891	875	658	978	2,015
Fort Wayne, Ind.	7,002	9,318	8,329	10,052	13,727	790	772	600	770	1,231
Fort Worth, Tex.	24,227	29,807	29,517	29,862	48,176	4,234	4,493	8,223	4,131	7,131
Fresno, Calif.	8,750	14,786	12,338	12,903	15,089	900	755	760	1,231	1,757
Galveston, Tex.	2,939	2,472	3,683	7,060	7,368	261	206	404	300	322

For footnotes, see p. 717.

No. 857.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1946 TO
1950—Continued

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1946	1947	1948	1949 ¹	1950 ¹	1946	1947	1948	1949 ¹	1950 ¹
Gary, Ind.	6,070	9,194	11,458	13,942	17,130	686	1,109	1,066	1,826	1,503
Glendale, Calif.	8,272	10,360	14,493	8,560	13,200	857	972	1,269	888	1,170
Grand Rapids, Mich.	8,032	9,460	15,130	12,881	18,310	873	658	782	688	1,510
Greensboro, N. C.	4,293	8,388	10,315	10,958	21,150	618	1,100	858	1,116	1,039
Hamilton, Ohio	2,503	4,542	3,156	3,506	5,114	301	419	226	356	475
Hammond, Ind.	7,082	6,723	7,784	7,755	12,664	744	659	571	713	1,129
Harrisburg, Pa.	4,237	5,662	6,364	7,701	8,423	448	172	354	478	392
Hartford, Conn.	10,450	10,171	13,942	12,252	20,150	366	207	670	547	882
Highland Park, Mich.	1,351	3,301	2,070	2,083	4,609	2	1	7	4	4
Hoboken, N. J.	1,786	2,315	2,088	1,060	10,817	36	130	88	74	321
Holyoke, Mass.	1,826	1,767	2,007	1,402	5,356	37	5,831	7,517	5,822	11,909
Houston, Tex.	53,898	72,631	98,952	82,614	180,112	5,709	684	494	406	625
Huntington, W. Va.	4,095	4,902	7,628	5,378	7,778	740	2,377	1,826	3,033	3,556
Indianapolis, Ind.	14,783	26,806	32,405	40,657	36,404	1,771	2,377	1,826	3,033	3,556
Irvington, N. J.	738	2,462	2,816	11,023	2,614	36	326	77	1,094	174
Jackson, Miss.	6,046	9,661	13,377	16,558	14,030	835	934	864	1,993	1,557
Jacksonville, Fla.	16,681	21,128	16,111	24,450	21,700	1,460	1,641	1,172	1,087	2,033
Jersey City, N. J.	3,878	6,357	7,688	7,149	5,274	377	13	10	459	106
Johnstown, Pa.	1,641	994	1,485	2,441	6,158	44	39	60	66	282
Kalamazoo, Mich.	3,232	2,809	3,079	4,934	3,962	271	62	146	108	139
Kansas City, Kans.	2,907	3,847	5,603	6,846	7,047	295	304	266	358	554
Kansas City, Mo.	18,292	17,738	35,563	36,864	44,094	1,545	910	2,005	2,363	2,957
Knoxville, Tenn.	13,383	10,656	11,500	7,347	19,951	1,272	812	443	433	1,790
Lakewood, Ohio	1,294	1,577	1,390	3,022	7,527	220	78	30	53	383
Lancaster, Pa.	1,628	4,640	4,194	6,075	3,532	118	285	212	104	102
Lansing, Mich.	4,483	4,612	6,286	7,125	13,314	391	355	320	406	757
Lawrence, Mass.	1,611	1,997	3,321	3,118	2,723	49	100	183	305	88
Lincoln, Nebr.	7,124	9,875	5,510	7,044	13,010	447	1,023	510	622	1,233
Little Rock, Ark.	7,585	11,722	20,534	9,244	18,311	844	1,713	658	633	920
Long Beach, Calif.	37,425	35,233	38,204	38,763	38,570	3,330	3,079	3,268	2,542	1,819
Los Angeles, Calif.	227,742	260,041	372,978	282,301	407,096	24,532	21,138	30,328	26,101	30,708
Louisville, Ky.	15,957	18,769	14,270	22,360	23,177	1,877	2,055	1,380	1,373	2,310
Lowell, Mass.	1,697	1,871	1,141	5,307	2,000	323	82	130	391	136
Lynn, Mass.	2,807	2,962	6,229	4,043	7,564	218	124	182	344	584
Macon, Ga.	2,438	2,937	3,973	8,199	4,174	175	132	149	190	341
Madison, Wis.	6,183	5,370	7,309	16,772	15,249	399	625	543	704	1,163
Malden, Mass.	2,293	1,798	1,658	2,280	2,236	150	82	81	186	165
Manchester, N. H.	3,578	4,830	10,404	5,186	8,341	344	460	731	496	449
McKeesport, Pa.	1,203	1,567	1,950	2,100	3,045	36	60	71	93	155
Medford, Mass.	1,026	2,003	11,243	2,726	2,986	354	77	11,99	252	157
Memphis, Tenn.	22,551	27,047	32,223	34,926	55,323	2,488	3,440	3,443	4,218	6,692
Miami, Fla.	26,396	51,628	54,888	43,026	47,038	2,615	6,043	5,711	4,900	4,664
Milwaukee, Wis.	36,263	31,614	53,398	51,154	87,926	2,783	1,733	2,859	3,437	6,322
Minneapolis, Minn.	20,770	30,931	37,282	39,920	46,808	2,935	1,381	1,655	2,477	2,900
Mobile, Ala.	5,297	5,493	10,028	12,446	12,932	771	688	1,031	852	1,743
Montgomery, Ala.	4,281	6,015	6,020	9,614	13,190	876	965	745	2,100	2,293
Mount Vernon, N. Y.	1,640	2,055	4,061	11,427	8,051	70	106	190	1,104	999
Nashville, Tenn.	7,959	6,798	9,785	18,772	16,302	701	522	321	688	1,024
Newark, N. J.	11,127	16,080	25,914	6,642	23,501	419	695	397	849	293
New Bedford, Mass.	2,649	2,166	2,125	3,049	4,218	268	126	151	336	387
New Britain, Conn.	3,081	1,707	2,434	3,406	4,658	413	143	180	277	645
New Haven, Conn.	8,087	7,774	11,111	7,557	14,048	732	338	577	247	1,093
New Orleans, La.	15,072	12,464	28,288	56,036	77,543	2,427	1,335	3,446	4,248	5,091
New Rochelle, N. Y.	2,557	2,785	8,312	3,128	8,584	192	90	549	195	879
Newton, Mass.	3,522	7,025	9,834	8,040	12,435	296	385	820	356	735
New York, N. Y. ¹²	15,800	14,797	47,753	92,147	45,727	2,822	908	4,751	9,513	3,689
Bronx	30,483	46,872	40,667	117,080	69,864	5,460	2,474	3,397	11,835	6,361
Brooklyn	100,604	62,268	80,513	177,374	116,236	15,307	5,530	3,304	6,619	4,317
Manhattan	87,766	79,062	120,348	133,353	187,136	13,810	8,893	13,303	15,104	23,563
Queens	3,472	3,816	10,990	11,388	4,505	254	345	1,054	1,097	417
Richmond	4,233	6,654	7,521	8,320	10,254	249	398	610	492	913
Niagara Falls, N. Y.	5,474	16,402	10,035	12,233	16,517	585	1,419	1,936	1,508	1,704
Norfolk, Va.	23,363	27,389	37,408	30,595	31,139	1,406	1,708	1,354	1,330	1,491
Oakland, Calif.	866	1,607	3,815	1,574	2,267	89	166	30	52	93
Oak Park, Ill.	13,822	14,276	12,430	16,680	50,643	1,538	1,935	985	1,025	4,120
Oklahoma City, Okla.	13,155	8,823	23,043	13,971	28,014	1,050	931	777	1,307	2,533
Omaha, Nebr.	12,059	13,819	16,800	16,646	20,590	782	883	1,012	1,100	1,497
Pasadena, Calif.	2,575	3,038	2,085	3,607	5,650	104	240	78	490	103
Paterson, N. J.	3,821	3,108	4,488	4,258	7,002	309	99	132	194	472
Pawtucket, R. I.	2,561	5,605	4,998	4,126	5,566	273	435	508	466	547

For footnotes, see p. 717.

No. 857.—BUILDING CONSTRUCTION IN CITIES OF 50,000 OR MORE INHABITANTS—
VALUE OF ALL CONSTRUCTION AND NUMBER OF NEW DWELLING UNITS: 1946
to 1950—Continued

CITY	VALUE OF ALL CONSTRUCTION (\$1,000)					NUMBER OF NEW DWELLING UNITS				
	1946	1947	1948	1949 ¹	1950 ¹	1946	1947	1948	1949 ¹	1950 ¹
Peoria, Ill.	4,436	4,451	8,451	6,104	11,122	316	314	367	255	597
Phoenix, Ariz.	8,534	9,679	10,571	12,071	15,400	817	818	1,416	467	1,160
Philadelphia, Pa.	65,499	72,760	93,597	88,126	155,523	5,611	5,321	5,061	6,565	12,310
Pittsburgh, Pa.	18,204	19,700	26,464	43,034	105,383	1,386	1,760	938	1,842	3,320
Pontiac, Mich.	9,608	4,438	4,238	8,336	9,387	345	241	203	592	584
Portland, Maine	2,643	3,425	4,490	3,346	5,477	104	183	155	137	233
Portland, Oreg.	34,022	39,953	52,258	47,056	63,324	2,484	2,275	8,067	2,976	3,824
Portsmouth, Va.	1,588	1,506	2,483	2,013	4,112	61	324	275	188	410
Providence, R. I.	12,529	8,636	11,853	10,220	18,102	107	178	454	287	775
Pueblo, Colo.	2,132	1,966	3,633	4,171	7,008	332	308	496	604	919
Quincy, Mass.	8,618	4,084	4,458	7,361	3,956	274	324	278	651	311
Racine, Wis.	3,206	6,563	5,175	4,346	9,531	274	348	204	261	604
Reading, Pa.	2,776	2,645	2,004	3,249	4,766	101	29	40	877	79
Richmond, Va.	18,266	16,611	21,466	18,074	32,947	1,799	1,722	943	890	1,336
Roanoke, Va.	5,982	7,504	7,221	14,075	17,487	566	455	301	968	1,216
Rochester, N. Y.	10,918	16,847	16,001	10,315	16,404	681	1,000	459	1,083	1,040
Rockford, Ill.	3,736	4,713	6,553	4,909	11,686	539	352	456	370	891
Sacramento, Calif.	13,427	12,849	17,432	18,813	30,523	1,779	1,174	1,473	1,267	3,048
Saginaw, Mich.	4,460	3,405	7,747	4,240	6,108	602	378	348	352	575
St. Joseph, Mo.	769	1,151	1,291	1,220	1,727	68	99	147	122	212
St. Louis, Mo.	31,630	28,479	28,242	30,413	73,481	2,370	841	1,337	1,559	4,145
St. Paul, Minn.	20,118	19,126	23,846	21,603	49,039	1,797	1,174	998	1,295	3,216
St. Petersburg, Fla.	11,088	17,426	20,523	21,675	30,870	1,583	2,295	2,088	2,498	3,306
Salt Lake City, Utah	14,057	11,308	14,061	18,085	33,740	1,709	1,146	1,350	1,513	2,207
San Antonio, Tex.	25,654	30,203	35,822	36,940	57,038	3,788	5,222	4,675	5,293	5,980
San Diego, Calif.	23,100	30,428	42,882	37,051	60,756	2,931	3,438	4,107	3,224	5,951
San Francisco, Calif.	50,959	48,290	62,900	68,281	85,533	3,530	3,102	3,951	3,664	3,785
San Jose, Calif.	10,376	11,461	19,486	15,231	20,937	994	818	1,629	1,221	2,034
Santa Monica, Calif.	9,894	8,117	12,672	10,664	10,276	1,265	1,428	1,356	930	869
Savannah, Ga.	3,443	5,886	5,458	4,753	7,867	480	578	750	743	1,065
Schenectady, N. Y.	4,553	2,541	3,734	8,637	4,140	177	124	184	912	220
Scranton, Pa.	2,417	3,253	2,812	3,134	5,871	26	27	41	42	324
Seattle, Wash.	41,807	40,450	61,005	53,672	57,744	3,364	3,346	2,860	3,115	3,415
Shreveport, La.	9,040	22,004	17,082	27,487	29,049	1,247	1,202	1,296	1,775	3,281
Sioux City, Iowa	2,740	3,842	7,251	6,166	10,814	442	281	357	340	763
Somerville, Mass.	1,609	2,606	1,191	3,088	3,318	2	69	3	174	240
South Bend, Ind.	7,085	9,814	12,978	12,142	21,246	906	640	953	1,078	2,012
Spokane, Wash.	14,181	18,597	26,293	18,254	33,474	1,623	1,731	1,526	1,742	2,435
Springfield, Ill.	4,915	4,885	5,241	3,876	6,754	472	351	389	247	360
Springfield, Mass.	0,006	11,220	9,905	9,295	13,346	929	574	859	665	1,102
Springfield, Mo.	4,336	4,702	4,993	4,684	20,357	637	689	367	446	763
Springfield, Ohio	2,937	5,038	3,200	4,651	6,252	308	257	241	292	540
Stockton, Calif.	6,110	6,627	10,013	6,627	9,207	604	575	682	486	952
Syracuse, N. Y.	7,254	6,082	11,884	26,027	16,570	874	404	1,110	881	1,416
Tacoma, Wash.	11,273	11,370	14,494	13,368	23,381	1,073	733	803	1,105	1,760
Tampa, Fla.	8,157	9,316	8,721	9,360	14,227	868	887	886	827	1,364
Terre Haute, Ind.	3,059	1,372	3,121	1,322	2,203	527	119	126	111	147
Toledo, Ohio	10,213	12,017	20,336	18,284	22,644	948	646	503	804	1,660
Topeka, Kans.	4,257	3,780	4,832	5,058	9,040	855	446	506	514	533
Trenton, N. J.	2,858	3,068	4,199	3,387	4,051	172	61	157	140	67
Troy, N. Y.	4,350	2,166	2,363	5,217	2,619	637	10	37	399	218
Tulsa, Okla.	0,511	11,288	14,405	15,490	18,233	1,266	1,233	1,024	1,371	1,430
Union City, N. J.	0,14	795	370	1,267	11,383	1	1	27	-----	-----
Upper Darby Township, Pa. ²	4,170	4,803	19,693	7,610	11,257	570	601	3,653	857	611
Utica, N. Y.	2,502	2,233	2,691	6,929	2,321	76	120	240	286	213
Waco, Tex.	5,016	8,731	10,987	12,244	19,310	983	853	930	1,070	1,577
Washington, D. C.	46,253	43,016	50,936	114,734	58,509	4,000	4,303	3,797	8,264	4,857
Waterbury, Conn.	8,238	4,408	6,050	3,767	8,597	432	261	477	244	743
Waterloo, Iowa	5,137	4,413	4,644	6,746	9,186	588	312	253	350	636
Wheeling, W. Va.	2,389	3,257	3,608	3,204	4,431	42	46	100	68	130
Wichita, Kans.	14,003	16,649	22,457	22,540	28,204	1,690	1,993	2,387	3,533	3,853
Wilkes-Barre, Pa.	1,164	3,648	13,681	2,157	3,715	97	23	13	47	-----
Wilmington, Del.	5,063	3,332	5,633	10,619	8,610	208	111	136	109	276
Winston-Salem, N. C.	3,387	6,057	15,074	8,050	14,037	434	584	13,311	890	1,169
Worcester, Mass.	7,443	8,043	9,992	6,980	16,314	800	563	748	493	1,383
Yonkers, N. Y. ⁴	6,843	10,288	9,955	19,195	15,840	577	1,152	875	2,568	1,450
York, Pa.	2,221	3,205	2,551	3,608	2,728	176	115	66	22	77
Youngstown, Ohio	4,822	6,528	5,279	6,677	11,372	466	306	343	514	1,068

¹ Preliminary. ² Classified as urban under special rule by Bureau of the Census, 1940.³ Excludes data for Sept. ⁴ Represents applications filed.⁵ Excludes data for Oct.⁶ Excludes data for Jan. ⁷ Excludes data for July and Aug.⁸ Excludes data for June.⁹ Excludes data for July and Oct. ¹⁰ Excludes data for April.¹¹ Excludes data for May and Sept. ¹² Excludes data for Feb. and Oct.¹³ Represents work actually started, based on inspection records.¹⁴ Excludes data for Feb. and Oct.

Source: Department of Labor, Bureau of Labor Statistics. Data for cities of 100,000 or more published in monthly releases; data for cities 50,000 to 100,000 from records not published elsewhere.

No. 858.—CONSTRUCTION AND BUILDING COST INDEXES: 1914 TO 1950

[1913=100 except Aberthaw for which base year is 1914. For Bureau of Labor Statistics index of building material prices, see pp. 279 and 280. See also *Historical Statistics*, series H 64, 65, and 73, for AAC, ENR (const.), and Turner Indexes.]

YEAR	AAC (new) ¹	AGC ²	ENR Const. ³	ENR Bldg. ⁴	Boeckh, U. S. ⁴	Aber- thaw ⁵	Fuller ⁶	Turner ⁷	M & S ⁸	S. H. & G. ⁹
1914	98	99	89	92	98	100	102	100	97	-----
1915	101	100	93	95	101	100	130	103	98	-----
1916	116	114	130	131	117	107	143	120	112	-----
1917	143	152	181	107	142	126	156	147	127	-----
1918	177	175	180	150	150	147	100	166	148	-----
1919	229	198	198	150	172	172	168	196	185	-----
1920	283	247	251	207	214	234	209	252	233	-----
1921	216	200	202	166	175	179	188	183	178	-----
1922	200	184	174	155	162	170	175	175	172	-----
1923	224	201	214	186	181	202	190	196	182	190
1924	222	202	215	186	181	198	194	194	183	193
1925	217	199	207	183	170	195	193	195	185	187
1926	217	197	208	185	181	197	202	195	186	185
1927	217	200	206	186	170	193	197	190	182	185
1928	217	199	207	188	179	101	196	190	184	188
1929	217	203	207	191	184	190	201	185	179	190
1930	200	200	203	185	181	186	199	166	106	181
1931	178	196	181	168	168	176	180	145	156	148
1932	155	171	157	141	144	168	157	136	130	128
1933	150	163	170	148	148	170	155	141	143	137
1934	161	178	198	167	161	176	171	160	156	157
1935	162	176	196	166	150	177	167	162	164	161
1936	170	179	206	172	164	184	168	160	166	173
1937	198	188	235	166	183	199	187	193	180	200
1938	199	180	236	197	189	191	102	188	178	200
1939	200	188	236	197	191	190	195	182	183	199
1940	204	189	242	203	195	193	198	194	190	204
1941	217	198	258	211	204	208	206	217	202	217
1942	241	209	276	222	214	223	229	245	218	226
1943	252	216	200	220	223	225	238	257	227	245
1944	201	223	299	235	237	227	240	244	234	264
1945	271	231	308	239	252	236	241	257	248	285
1946	322	257	346	262	275	279	290	318	288	319
1947	430	296	413	313	323	304	354	380	338	371
1948	400	332	461	345	365	321	380	422	368	405
1949	400	342	477	362	369	312	382	414	366	395
1950	500	357	609	375	386	321	377	427	390	426

¹ American Appraisal Co. Average for 30 cities of 4 types of buildings: Wood frame, brick-wood frame, brick-steel frame, reinforced concrete. Mechanics not included. Based on actual appraisal costs. Available for individual cities.

² Associated General Contractors of America. Wages and materials for 12 cities combined in 40-60 ratio. Wages, prevailing rates for hod carriers and common labor. Materials, weighted: Sand, gravel and crushed stone, 1; cement, 1; lumber, 1; hollow tile, 3/4; structural and reinforcing steel, 1/2.

³ Engineering News Record construction cost index has 4 components: (1) Structural steel shapes, base price; (2) cement at Chicago; (3) lumber, which until 1935 was 12 x 12 long leaf yellow pine wholesale at New York, and since 1936 is 2 x 4 S4S pine and fir in carload lots, ENR 20-cities average; (4) common labor, ENR 20-cities average of wage rates in force. ENR Building Cost index provides a more representative measure of building cost movement, the skilled labor trend having been substituted for the common labor trend in the ENR Construction Cost index, and the ENR Building Cost index computed.

⁴ E. H. Boeckh & Assoc., Inc. Individual series for 10 types of buildings for 20 areas. Weights based on studies of actual building costs—vary with different type of structures. Material prices are those paid by contractors to material dealers. Prevailing skilled and common wage rates from contractors. Base: United States average, 1926-29=100. Series given here is commercial and factory buildings, U. S. average converted to 1913=100 base.

⁵ Aberthaw. Until Mar. 31, 1946, New England, 7-story and basement (62' 4" x 202' 4"), reinforced concrete building built in 1914, repriced quarterly as a construction bid to duplicate original building; labor costs based on current experience with similar construction. Since Mar. 31, 1946, New England, composite of 36 major cost items in 3 multi-story and 2 one-story industrial buildings, including all mechanical trades, repriced using actual and estimated labor and material costs.

⁶ George A. Fuller Company. Composite of 38 major cost elements, in 3 commercial type buildings, including mechanics, elevators, wiring, heating and ventilating, repriced.

⁷ Turner Construction Co. Eastern Cities. Own cost experience applied to these factors: Labor rates, material prices, productivity of labor, efficiency of plant and management, competitive conditions.

⁸ Marshall and Stevens. Averages for 4 types of building: Fireproof protected steel, fireproof reinforced concrete, masonry, and frame. Designed to reflect normal costs in line with recognized or published prices of building materials, equipment, and labor. Base: U. S. average, 1926=100, converted to 1913=100 base.

⁹ Smith, Hinckman, and Grylls, Inc. Actual in-place costs, using building material costs, freight rates, skilled and unskilled labor rates and including labor efficiency and premiums, bidding competition, contractor profit margins and overhead. Figured with the contractor overhead are taxes, duration of projects, material expediting and labor procurement. This index is reported monthly on a 1926=100 base, converted to 1913=100 base.

Source: *Engineering News-Record*, New York, N. Y.

No. 859.—NUMBER OF PUBLIC HOUSING UNITS COMPLETED FOR OCCUPANCY:
1935 to 1950

[Covers programs administered by Housing and Home Finance Agency or Public Housing Administration]

YEAR	All public housing	LOW-RENT			War housing	Veterans' Reuse Housing
		Total	U. S. Housing Act	All other 1		
Total	21,191,675	202,005	171,642	30,363	724,018	265,652
1935	3,932	3,932		3,932		
1936	1,213	1,213		1,213		
1937	7,849	7,849		7,849		
1938	17,319	17,319		17,319		
1939	3,858	3,858	3,858			
1940	31,940	31,940	31,940			
1941	110,634	59,848	59,848		59,786	
1942	158,206	87,537	37,537		120,729	
1943	374,729	27,325	27,325		347,404	
1944	153,158	2,831	2,831		160,327	
1945	45,026	2,949	2,949		40,171	1,906
1946	134,726	1,804	1,804		4,051	128,871
1947	107,007	466	466			106,631
1948	30,054	1,386	1,386		1,530	27,108
1949	1,242	547	547			695
1950	1,682	1,201	1,201			381

¹ Includes PWA, Subsistence Homestead and Greenbelt Town projects.

² Includes 50 PWA units completed in 1934.

³ Includes 60,489 units completed as war housing of which all but 3,508 units have been returned to low-rent use.

⁴ Units completed for emergency flood projects in Portland-Vancouver area.

Source: Housing and Home Finance Agency, Public Housing Administration.

No. 860.—NUMBER OF DWELLING UNITS OWNED OR SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION, BY PROGRAM, AS OF DEC. 31, 1950

[Excludes units which have been sold to mutual housing associations, limited dividend corporations (PWA) and homesteads associations on which PHA holds mortgages for collection]

PROGRAM	TOTAL		Federally owned	Locally owned
	Number	Net change since Dec. 31, 1949		
Total	647,665	+31,401	360,605	287,060
Active				
Veterans' Reuse Housing	620,279	+28,162	333,219	287,060
Under management	36,576	-34,875	1,587	¹ 34,989
Under construction	36,383	-33,247	1,587	34,766
Not under construction	191	-1,555		191
2		-73		2
Public War Housing (Lanham constructed)	277,762	-19,631	277,752	
Homes conversion	2,237	-13,917	2,237	
U. S. Housing Act	302,146	+97,274	50,075	252,071
Under management	201,736	+10,110	60,075	151,661
Under construction	31,507	+29,808		31,507
Not under construction	68,903	+57,356		² 68,903
Public Law 171	101,657	+88,219		101,657
Public Law 412	118,649	³ +142	10,840	107,809
Public Law 671	60,504	-693	7,989	42,605
PWA	21,640		21,640	
Farm Labor Camps	9,606	(4)	9,606	
Subsistence Homesteads and Greenbelt Towns	1,568	-689	1,668	
Inactive—Public War Housing (Lanham constructed)	18,335	+3,533	18,335	
Deferred—U. S. Housing Act	9,051	-294	9,051	

¹ This veterans' housing is so classified even though title or income rights may not yet be formally transferred.

² Includes 1,423 rural farm units not yet built but which are parts of active rural projects.

³ Reflects reclassification to Public Law 412 of 146 unit project previously under Public Law 171.

⁴ Farm Labor Camp program transferred to Public Housing Administration on June 30, 1950.

Source: Housing and Home Finance Agency, Public Housing Administration; Annual Report.

No. 861.—NUMBER OF ACTIVE PROJECTS AND DWELLING UNITS, OWNED OR SUPERVISED BY THE PUBLIC HOUSING ADMINISTRATION, BY STATE OR OTHER AREA, AS OF DEC. 31, 1950

[See headnote, table 860]

STATE OR OTHER AREA	TOTAL PROGRAM		VETERANS REUSE HOUSING		WAR HOUSING ¹		LOW-RENT HOUSING ²	
	Number of projects	Number of units	Number of projects	Number of units	Number of projects	Number of units	Number of projects	Number of units
Total	2,382	620,279	278	36,576	1,020	279,989	1,084	303,714
Alabama	68	15,878	5	742	30	7,523	33	7,613
Arizona	46	6,203	2	123	31	3,715	13	2,365
Arkansas	20	2,720	3	423	2	274	16	2,032
California	387	118,245	48	8,527	211	75,533	128	34,185
Colorado	15	2,755	2	565	3	242	10	1,943
Connecticut	75	18,807	4	412	50	10,678	21	7,717
Delaware	7	1,987			5	1,617	2	380
District of Columbia	31	6,934	2	898	17	2,525	12	3,611
Florida	73	14,027	4	373	20	3,617	49	10,937
Georgia	97	10,045	7	665	18	4,940	72	14,340
Idaho	10	858	1	28	5	410	4	420
Illinois	73	18,170	9	795	14	1,093	50	15,382
Indiana	45	8,026	10	1,088	17	3,811	18	3,627
Iowa	11	1,934	7	1,063	4	871		
Kansas	13	6,224	1	52	12	6,172		
Kentucky	30	7,199	3	66	2	335	25	6,788
Louisiana	35	10,385	3	172	6	1,014	26	9,190
Maine	13	1,920			13	1,020		
Maryland	51	18,721			30	11,101	21	7,620
Massachusetts	46	13,342	9	453	12	2,614	25	10,275
Michigan	77	25,772	6	507	56	16,982	15	8,233
Minnesota	7	1,661	2	133	1	32	4	1,496
Mississippi	34	4,720	3	505	8	1,802	23	2,343
Missouri	12	3,635	7	1,192	1	84	4	2,369
Montana	12	977	1	50	5	284	6	643
Nebraska	13	2,944			8	1,466	5	1,478
Nevada	17	1,856	4	154	12	1,602	1	100
New Hampshire	4	1,195			4	1,195		
New Jersey	66	21,085	17	1,123	15	4,149	64	15,813
New Mexico	10	703	3	178	6	447	1	78
New York	69	43,961	20	5,597	17	5,058	32	33,206
North Carolina	40	9,464	2	173	15	3,220	32	6,062
North Dakota	2	90	2	90				
Ohio	112	32,268	17	2,201	56	14,576	30	15,491
Oklahoma	8	1,219	5	604	1	281	2	434
Oregon	48	8,962	6	225	36	7,777	6	900
Pennsylvania	135	38,262	1	27	73	20,923	61	17,312
Rhode Island	14	4,106	3	128	2	800	9	3,268
South Carolina	36	6,425	2	195	13	2,627	21	3,603
South Dakota	2	90	1	30	1	60		
Tennessee	49	12,726	4	864	7	1,273	38	10,689
Texas	167	20,771	17	1,528	42	10,508	108	17,645
Utah	16	3,291	2	205	14	3,086		
Vermont	6	660	3	337	3	323		
Virginia	57	23,661	4	506	30	17,766	23	5,289
Washington	84	24,313	6	520	67	19,927	11	3,866
West Virginia	20	1,934	8	358			12	1,576
Wisconsin	13	3,713	4	628	4	828	5	2,262
Wyoming	9	852	2	54	7	768		
Alaska	12	355			12	355		
Hawaii	13	4,122	6	1,974	2	1,247	5	901
Puerto Rico	32	10,082					32	10,082
Virgin Islands	1	126					1	126

¹ Includes Public War Housing (Lanham constructed), and Homes conversion programs.

² Includes U. S. Housing Act and Subsistence Homestead—Greenbelt Towns program.

Source: Housing and Home Finance Agency, Public Housing Administration; Annual Report.

No. 862.—DWELLING UNITS, URBAN AND RURAL—OCCUPANCY CHARACTERISTICS: 1950

[In thousands of dwelling units. Based on preliminary sample data, 1950 Census of Housing, see text, p. 704]

OCCUPANCY	TOTAL		URBAN AND RURAL NONFARM				RURAL FARM			
	Total		Urban		Rural nonfarm					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
All dwelling units	45,875	100.0	39,390	100.0	29,256	100.0	10,134	100.0	6,485	100.0
Occupied dwelling units										
Owner occupied	42,520	92.7	36,026	93.0	28,108	96.1	8,518	84.1	5,804	90.9
Renter occupied	23,383	51.0	19,528	49.6	14,195	48.5	5,332	52.6	3,855	50.4
Nonresident dwelling units	10,126	41.7	17,098	43.4	13,913	47.6	3,185	31.4	2,030	31.4
Vacant dwelling units ¹	3,263	7.1	2,680	6.8	1,099	3.8	1,581	15.6	583	9.0
Nonseasonal, not dilapidated,										
for rent or sale	735	1.6	689	1.7	501	1.7	187	1.8	46	.7
For rent	512	1.1	473	1.2	330	1.2	135	1.3	39	.6
For sale only	223	.5	216	.5	163	.6	53	.5	7	.1
Nonseasonal, not dilapidated, not for rent or sale	805	1.8	628	1.6	304	1.0	325	3.2	176	2.7
Nonseasonal dilapidated	484	1.1	266	.7	115	.4	161	1.5	219	3.4
Seasonal	1,238	2.7	1,007	2.8	170	.6	918	.9	141	2.2

¹ Excludes vacant trailers, tents, houseboats, and railroad cars.

Source: Department of Commerce, Bureau of Census; Preliminary Reports, 1950 Census of Housing, Series HC-5, No. 1.

No. 863.—DWELLING UNITS, URBAN AND RURAL—TYPE OF STRUCTURE, TOILET AND BATHING FACILITIES: 1950 AND 1940

[In thousands of dwelling units. Based on preliminary sample data, 1950 Census of Housing, see text, p. 704]

SUBJECT	1950						1940, TOTAL			
	Total		Urban		Rural nonfarm					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Percent	
All dwelling units	45,875	100.0	29,256	100.0	10,134	100.0	6,485	100.0	37,325	100.0
TYPE OF STRUCTURE										
1 dwelling unit detached without business	28,651	62.5	14,106	48.2	8,364	82.5	6,180	95.3	23,808	64.0
Other 1 to 4 dwelling unit	11,851	25.8	10,085	34.5	1,486	14.7	230	4.3	9,500	25.5
5 to 9 dwelling unit	2,073	4.5	1,957	6.7	107	1.1	9	.1	1,492	4.0
10 to 19 dwelling unit	1,180	2.6	1,128	3.9	51	.5	1	(1)	854	2.3
20 dwelling unit or more	1,829	4.0	1,810	6.2	18	.2	1	(1)	1,682	4.2
Trailers	200	.6	169	.6	107	1.1	14	.2	(2)	(2)
TOILET FACILITIES										
Number reporting	45,124	100.0	28,879	100.0	9,861	100.0	6,384	100.0	36,770	100.0
Flush toilet inside structure, exclusive use	32,187	71.3	25,045	86.7	5,396	54.7	1,745	27.3	21,987	59.7
Flush toilet inside structure, shared	1,815	4.0	1,598	5.5	103	2.0	23	.4	1,827	5.0
Other toilet facilities (incl. privy)	10,155	22.5	2,044	7.1	3,936	39.9	4,175	65.4	11,057	32.5
No toilet	908	2.1	192	.7	335	3.4	441	6.9	1,018	2.8
BATHING FACILITIES										
Number reporting	44,887	100.0	28,767	100.0	9,773	100.0	6,347	100.0	36,649	100.0
Installed bathtub or shower, exclusive use	31,084	69.2	24,029	83.5	5,210	53.3	1,845	29.1	20,606	56.2
Installed bathtub or shower, shared	1,674	3.7	1,474	5.1	181	1.9	19	.3	1,723	4.7
No bathtub or shower	12,128	27.0	3,264	11.3	4,382	44.8	4,483	70.6	14,321	39.1

¹ Less than 0.1 percent. ² Data not available.

Source: Department of Commerce, Bureau of Census; Preliminary Reports, 1950 Census of Housing, Series HC-5, No. 1.

No. 864.—DWELLING UNITS, URBAN AND RURAL—NUMBER OF ROOMS: 1950 AND 1940

[In thousands of dwelling units. Based on preliminary sample data, 1950 Census of Housing, see text, p. 704]

NUMBER OF ROOMS	1950								1940, TOTAL	Percent change, 1940 to 1950		
	Total		Urban		Rural nonfarm		Rural farm					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent				
All dwelling units	45,875	-----	20,256	-----	10,134	-----	6,485	-----	37,325	-----		
Number reporting	44,711	100.0	28,688	100.0	9,734	100.0	6,289	100.0	36,832	100.0		
1 room	1,239	2.8	805	2.8	329	3.4	104	1.7	1,307	3.5		
2 rooms	3,443	7.7	2,209	7.7	911	9.4	323	5.1	3,215	8.7		
3 rooms	6,635	14.8	4,559	15.9	1,400	14.4	676	10.7	5,332	14.5		
4 rooms	9,783	21.9	6,016	21.0	2,408	24.7	1,850	21.6	6,892	18.7		
5 rooms	9,573	21.4	6,446	22.5	1,961	20.1	1,167	18.6	7,302	19.8		
6 rooms	7,550	16.9	5,041	17.6	1,443	14.8	1,086	17.0	6,322	17.2		
7 rooms	3,126	7.0	1,875	6.5	600	6.2	651	10.4	2,860	7.8		
8 rooms	1,863	4.2	965	3.4	393	4.0	506	8.0	1,886	5.1		
9 rooms or more	1,499	3.4	773	2.7	288	3.0	438	7.0	1,707	4.6		
Median number of rooms	4.6	-----	4.6	-----	4.4	-----	5.1	-----	4.7	-----		

Source: Department of Commerce, Bureau of Census; Preliminary Reports, 1950 Census of Housing, Series HC-5, No. 1.

No. 865.—DWELLING UNITS, URBAN AND RURAL—CONDITION AND PLUMBING FACILITIES, AND WATER SUPPLY: 1950

[Based on preliminary sample data, 1950 Census of Housing, see text, p. 704. The 1950 count of dilapidated dwelling units and 1940 count of dwelling units needing major repairs are not comparable, because definitions of two terms differ significantly. Also, a direct comparison cannot be made between 1950 data and 1940 Census results on water supply. For definitions, see source cited below.]

[In thousands of dwelling units]

SUBJECT	TOTAL	URBAN AND RURAL NONFARM								RURAL FARM	
		Total		Urban		Rural nonfarm					
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All dwelling units	45,875	-----	30,300	-----	29,256	-----	10,134	-----	6,485	-----	
CONDITION AND PLUMBING FACILITIES											
Number reporting	43,914	100.0	37,610	100.0	28,137	100.0	9,473	100.0	6,304	100.0	
Not dilapidated:											
With private toilet and bath, and hot running water	27,872	63.5	26,476	70.4	22,074	78.5	4,402	46.5	1,396	22.1	
With private toilet and bath, and only cold water	1,430	3.3	1,284	3.4	875	3.1	409	4.3	155	2.5	
With running water, lacking private toilet or bath	5,203	12.1	4,368	11.6	2,943	10.5	1,425	15.0	926	14.7	
No running water	5,243	11.9	2,727	7.3	600	2.1	2,127	22.5	2,515	39.9	
Dilapidated:											
With private toilet and bath, and hot running water	624	1.4	592	1.6	504	1.8	87	.9	33	.5	
Lacking hot water, private toilet, or private bath	3,444	7.8	2,164	5.8	1,141	4.1	1,024	10.8	1,280	20.3	
WATER SUPPLY											
Number reporting	45,184	100.0	38,797	100.0	28,948	100.0	9,849	100.0	6,387	100.0	
Hot and cold piped running water inside structure	31,426	69.6	20,687	76.5	24,676	85.2	5,012	50.9	1,738	27.2	
Only cold running water inside structure	5,792	12.8	4,850	12.5	3,162	10.9	1,697	17.2	934	14.6	
Piped running water outside structure	1,063	2.4	803	2.3	534	1.8	359	3.6	170	2.7	
No piped running water	6,903	15.3	3,358	8.7	576	2.0	2,781	28.2	3,546	55.5	

Source: Department of Commerce, Bureau of Census; Preliminary Reports, 1950 Census of Housing, Series HC-5, No. 1.

No. 866.—DWELLING UNITS, URBAN AND RURAL—CHARACTERISTICS OF OCCUPIED UNITS: 1950 AND 1940

[In thousands of dwelling units. Based on preliminary sample data, 1950 Census of Housing, see text, p. 704]

SUBJECT	1950								1940, TOTAL		Percent change, 1940 to 1950	
	Total		Urban		Rural non-farm		Rural farm					
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
All occupied dwelling units	42,520	100.0	28,108	100.0	8,518	100.0	5,894	100.0	34,855	100.0	22.0	
RACE AND TENURE												
White	38,807	91.5	25,730	91.5	7,902	92.8	5,215	80.3	31,561	90.6	23.2	
Negro	3,508	8.3	2,319	8.3	583	6.8	606	10.3	3,157	9.1	11.1	
Other races	115	.3	59	.2	32	.4	23	.4	137	.4	-10.0	
Owner occupied	23,383	55.0	14,105	50.5	5,332	62.6	3,855	65.4	15,106	43.6	53.0	
White	22,132	52.1	13,420	47.7	5,053	59.3	3,659	62.1	14,418	41.4	53.5	
Negro	1,196	2.8	752	2.7	260	3.1	184	3.1	720	2.1	66.2	
Other races	56	.1	24	.1	10	.2	13	.2	58	.2	(1)	
Renter occupied	10,136	45.0	13,913	40.5	3,185	37.4	2,030	34.6	10,650	56.4	-2.7	
White	16,765	39.4	12,310	43.8	2,849	33.4	1,606	27.2	17,143	49.2	-2.2	
Negro	2,312	5.4	1,567	5.6	323	3.8	422	7.2	2,437	7.0	-5.1	
Other races	59	.1	35	.1	13	.2	10	.2	70	.2	(1)	
SIZE OF HOUSEHOLD												
1 person	3,886	9.1	2,751	9.8	829	9.7	306	5.2	2,677	7.7	45.1	
2 persons	11,802	27.9	8,134	28.9	2,324	27.3	1,400	23.8	8,630	24.8	37.4	
3 persons	9,621	22.6	6,567	23.4	1,847	21.7	1,207	20.5	7,798	22.4	23.4	
4 persons	8,009	18.8	5,420	19.3	1,538	18.1	1,051	17.8	6,325	18.1	26.6	
5 persons	4,466	10.5	2,765	9.8	935	11.0	767	13.0	4,013	11.5	11.3	
6 persons	2,262	5.3	1,285	4.6	512	6.0	465	7.9	2,360	6.8	-4.1	
7 persons	1,121	2.6	577	2.1	252	3.0	232	5.0	1,341	3.8	-10.4	
8 persons	603	1.4	316	1.1	133	1.6	154	2.6	768	2.2	-21.5	
9 persons	297	.7	137	.5	60	.7	100	1.7	436	1.3	-31.8	
10 persons or more	391	.9	156	.6	83	1.0	153	2.6	509	1.5	-23.2	
Median number of persons	3.1	-----	3.0	-----	3.1	-----	3.5	-----	3.3	-----	(1)	
PERSONS PER ROOM												
Number reporting	41,863	100.0	27,733	100.0	8,371	100.0	5,760	100.0	34,447	100.0	-----	
0.75 or less	25,190	60.2	17,015	61.4	4,828	57.7	3,347	58.1	18,910	51.0	33.2	
0.76 to 1.00	10,081	24.1	6,985	25.2	1,932	23.1	1,164	20.2	8,673	24.9	17.6	
1.01 to 1.50	4,039	9.6	2,425	8.7	923	11.0	691	12.0	3,879	11.3	4.1	
1.51 or more	2,563	6.1	1,308	4.7	687	8.2	558	9.7	3,086	9.0	-17.3	

¹ Not shown where 1950 figure is less than 100,000.

Source: Department of Commerce, Bureau of Census; Preliminary Reports, 1950 Census of Housing, Series HC-5, No. 1.

No. 867.—DWELLING UNITS, URBAN AND RURAL NONFARM—MORTGAGE STATUS OF OWNER-OCCUPIED UNITS: 1950 AND 1940

[In thousands of dwelling units. Based on preliminary sample data, 1950 Census of Housing, see text, p. 704]

MORTGAGE STATUS	1950, URBAN AND RURAL NONFARM						1940, URBAN AND RURAL NONFARM	
	Total		Urban		Rural nonfarm			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All owner-occupied dwelling units in 1- to 4-dwelling-unit structures without business	17,757	-----	13,228	-----	4,529	-----	11,413	-----
Number reporting	17,531	100.0	13,068	100.0	4,463	100.0	10,611	100.0
With mortgage	7,651	43.6	6,270	48.0	1,381	30.9	4,805	45.3
No mortgage	9,880	56.4	6,798	52.0	3,082	69.1	5,806	54.7

Source: Department of Commerce, Bureau of Census; Preliminary reports, 1950 Census of Housing, Series HC-5, No. 1.

NO. 868.—DWELLING UNITS, URBAN AND RURAL NONFARM, CONTRACT AND GROSS MONTHLY RENT OF RENTER-OCCUPIED UNITS: 1950 AND 1940

[In thousands of dwelling units. Based on preliminary sample data, 1950 Census of Housing, see text, p. 704. Contract monthly rent is rent contracted for regardless of whether it includes furniture, heating fuel, electricity, cooking fuel, water, or other services. Gross monthly rent is contract monthly rent plus reported average monthly cost paid by renters for water, electricity, gas, and other fuel. If furniture is included in contract rent, reported estimated rent of dwelling unit without furniture is used in computation instead of contract rent]

SUBJECT	1950, URBAN AND RURAL NONFARM						1940, URBAN AND RURAL NONFARM	
	Total		Urban		Rural nonfarm			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All renter-occupied dwelling units.....	17,098	-----	13,913	-----	3,185	-----	16,335	-----
CONTRACT MONTHLY RENT								
Number reporting ¹	15,422	100.0	13,071	100.0	2,350	100.0	16,173	100.0
Under \$10.....	680	4.4	322	2.5	357	15.2	2,822	17.4
\$10 to \$14.....	580	3.8	339	2.6	241	10.3	2,280	14.1
\$15 to \$19.....	1,598	10.4	1,134	8.7	464	19.7	2,217	13.7
\$20 to \$29.....	3,070	19.9	2,557	19.6	513	21.8	3,853	23.8
\$30 to \$39.....	3,090	20.0	2,781	21.3	309	13.1	2,526	15.6
\$40 to \$49.....	2,540	16.5	2,341	17.9	199	8.5	1,300	8.0
\$50 to \$69.....	1,611	10.4	1,479	11.3	132	5.6	570	3.5
\$70 to \$74.....	1,122	7.3	1,037	7.9	85	3.6	327	2.0
\$75 to \$99.....	787	5.1	750	5.8	28	1.2	164	1.0
\$100 or more.....	343	2.2	322	2.5	22	.9	118	.7
Average rent.....	\$39	-----	\$41	-----	\$28	-----	\$24	-----
Median rent.....	\$35	-----	\$37	-----	\$24	-----	\$21	-----
GROSS MONTHLY RENT								
Number reporting ¹	14,883	100.0	12,679	100.0	2,205	100.0	15,144	100.0
Under \$10.....	243	1.6	103	.8	140	6.3	1,404	0.3
\$10 to \$19.....	1,122	7.5	713	5.6	409	18.5	3,349	22.1
\$20 to \$29.....	2,209	14.8	1,680	13.3	521	23.6	3,606	23.8
\$30 to \$39.....	3,032	20.4	2,602	20.5	430	19.5	3,020	20.0
\$40 to \$49.....	3,027	20.3	2,749	21.7	278	12.6	1,067	13.0
\$50 to \$69.....	2,806	15.5	2,110	16.6	106	8.9	925	6.1
\$70 to \$74.....	1,771	11.9	1,614	12.7	157	7.1	513	3.4
\$75 to \$99.....	786	5.3	739	5.8	46	2.1	228	1.5
\$100 or more.....	388	2.6	360	2.8	28	1.3	123	.8
Average rent.....	\$46	-----	\$48	-----	\$37	-----	(2)	-----
Median rent.....	\$42	-----	\$44	-----	\$30	-----	\$27	-----

¹ Excludes units occupied rent free. ² Data not available.

Source: Department of Commerce, Bureau of Census; Preliminary Reports, 1950 Census of Housing, Series HC-5, No. 1.

NO. 869.—DWELLING UNITS, URBAN AND RURAL NONFARM—VALUE OF OWNER-OCCUPIED UNITS: 1950

[In thousands of dwelling units. Based on preliminary sample data, 1950 Census of Housing, see text, p. 704. Value data are limited to units in 1-dwelling unit structures without business and with no other dwelling units on property. Value represents amount for which owner estimates property, including such land as belongs with it, would sell under ordinary conditions and not at forced sale]

VALUE OF ONE-DWELLING-UNIT STRUCTURE	URBAN AND RURAL NONFARM		URBAN		RURAL NONFARM	
	Number	Percent	Number	Percent	Number	Percent
All owner-occupied dwelling units.....	15,592	-----	10,981	-----	4,611	-----
Number reporting.....	14,699	100.0	10,636	100.0	4,063	100.0
Under \$2,000.....	1,186	7.7	461	4.3	676	16.6
\$2,000 to \$2,999.....	840	5.7	370	3.5	470	11.6
\$3,000 to \$3,999.....	1,061	7.2	559	5.3	503	12.4
\$4,000 to \$4,999.....	1,023	7.0	641	6.0	392	9.6
\$5,000 to \$5,999.....	1,320	9.0	896	8.4	424	10.4
\$6,000 to \$7,499.....	2,057	14.0	1,563	14.7	495	12.2
\$7,500 to \$9,999.....	2,715	18.5	2,231	21.0	483	11.9
\$10,000 to \$14,999.....	2,920	19.9	2,532	23.8	388	9.6
\$15,000 to \$19,999.....	938	6.4	808	7.6	130	3.2
\$20,000 or more.....	679	4.6	576	5.4	103	2.5
Average value.....	\$10,800	-----	\$12,200	-----	\$7,200	-----
Median value.....	\$7,400	-----	\$8,400	-----	\$4,900	-----

Source: Department of Commerce, Bureau of Census; Preliminary Reports, 1950 Census of Housing, Series HC-5, No. 1.

No. 870.—DWELLING UNITS, URBAN AND RURAL—OCCUPANCY, TENURE AND COLOR OF OCCUPANTS: 1940

OCCUPANCY, AND TENURE AND COLOR OF OCCUPANTS	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural-non-farm	Rural-farm	Total	Urban	Rural-non-farm	Rural-farm
OCCUPANCY								
All dwelling units.....	37,325,470	21,616,352	8,066,837	7,642,281	100.0	57.9	21.6	20.5
Occupied.....	34,854,532	20,596,500	7,151,473	7,106,559	100.0	59.1	20.5	20.4
Vacant, for sale or rent.....	1,864,383	918,297	510,676	425,410	100.0	49.3	27.4	23.4
Ordinary.....	1,475,374	826,243	275,940	373,191	100.0	56.0	18.7	25.3
Seasonal.....	341,831	65,074	224,670	52,057	100.0	19.0	65.7	15.2
Not reporting.....	47,178	26,980	10,066	10,132	100.0	57.2	21.3	21.5
Vacant, not for sale or rent.....	606,555	101,555	404,688	100,312	100.0	16.7	66.7	16.5
Held for absent household.....	500,913	69,690	346,556	84,758	100.0	13.9	69.2	16.9
Ordinary.....	161,516	45,203	67,044	52,269	100.0	27.5	40.8	31.8
Seasonal.....	339,397	24,396	279,512	32,480	100.0	7.3	83.1	9.7
Occupied by nonresident household.....	105,642	31,956	58,132	15,554	100.0	30.2	55.0	14.7
Ordinary.....	44,276	21,967	13,474	8,835	100.0	49.6	30.4	20.0
Seasonal.....	61,366	9,089	44,658	6,719	100.0	10.3	72.8	10.9
TENURE AND COLOR								
Occupied dwelling units.....	34,854,532	20,596,500	7,151,473	7,106,559	100.0	59.1	20.5	20.4
Owner.....	15,195,763	7,714,060	3,068,076	3,782,727	100.0	50.8	24.3	24.9
Tenant.....	19,658,769	12,881,540	3,455,397	3,323,832	100.0	65.5	17.6	16.9
Occupied by white household.....	31,561,126	18,808,480	6,590,087	6,101,959	100.0	59.8	20.0	10.3
Owner.....	14,418,092	7,372,835	3,494,220	3,551,037	100.0	51.1	24.2	24.6
Tenant.....	17,143,034	11,495,045	3,096,467	2,550,922	100.0	67.1	18.1	14.9
Occupied by nonwhite household.....	3,293,406	1,728,020	560,786	1,004,600	100.0	52.5	17.0	30.5
Owner.....	777,671	342,125	203,556	231,630	100.0	44.0	26.2	29.8
Tenant.....	2,515,735	1,385,895	356,930	772,910	100.0	55.1	14.2	30.7

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 871.—OCCUPIED DWELLING UNITS OR FAMILIES—TENURE: 1890 TO 1940

[1940 figures based on occupied dwelling units; not strictly comparable with data for private families, but differences are negligible. Figures for 1900 and 1930 represent private families only; those for 1890, 1910, and 1920 include small number of quasi-family groups]

AREA AND YEAR	Occupied dwelling units or families	Reporting tenure	OWNER		TENANT	
			Number	Percent	Number	Percent
United States:						
1890.....	12,600,152	12,600,152	6,066,417	47.8	6,623,735	52.2
1900.....	15,983,965	15,428,987	7,205,212	46.7	8,223,775	53.3
1910.....	20,255,555	19,781,606	9,083,711	45.9	10,697,895	54.1
1920.....	24,351,676	23,810,558	10,866,960	45.6	12,945,598	54.4
1930.....	29,904,663	20,321,891	14,002,074	47.8	15,310,817	52.2
1940.....	34,854,532	34,854,532	15,195,763	43.6	19,658,769	56.4
Urban:						
1930.....	17,372,524	17,113,913	7,432,554	43.4	9,681,359	50.6
1940.....	20,596,500	20,596,500	7,714,960	37.5	12,881,540	62.5
Rural—nonfarm:						
1930.....	5,927,502	5,803,159	3,117,418	53.7	2,685,741	46.3
1940.....	7,151,473	7,151,473	3,698,076	51.7	3,453,397	48.3
Rural—farm:						
1930.....	6,604,637	6,404,819	3,452,102	53.9	2,952,717	46.1
1940.....	7,106,550	7,106,550	3,782,727	53.2	3,323,832	46.8

¹ Includes estimated data for those of unknown tenure.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 872.—DWELLING UNITS, URBAN AND RURAL—OCCUPANCY AND TENURE, BY AVERAGE AND MEDIAN MONTHLY RENT: 1940

[For urban and rural-nonfarm units, monthly rent includes land; for farm units, farm land is excluded. Monthly rental data include contract rent of tenant-occupied nonfarm units and estimated rent of other units. Monthly rent of owner-occupied rural-farm units is an estimate based on 1 percent of reported value]

AREA AND SUBJECT	All dwelling units	Owner occupied	Tenant occupied	Vacant, for sale or rent	Vacant, not for sale or rent
REPORTING MONTHLY RENT					
Total.....	35,988,118	14,403,635	19,223,611	1,749,702	561,170
Urban and rural-nonfarm.....	29,129,996	11,129,428	16,177,770	1,350,647	472,151
Urban.....	21,239,794	7,488,876	12,790,473	867,613	93,032
Rural-nonfarm.....	7,890,202	3,640,762	3,387,297	483,034	370,110
Rural-farm.....	6,808,122	3,274,207	3,045,841	399,055	89,010
AVERAGE MONTHLY RENT					
Total.....	\$24.15	\$27.47	\$21.17	\$26.55	\$33.30
Urban and rural-nonfarm.....	27.45	31.59	23.95	32.60	37.00
Urban.....	30.83	36.69	27.01	34.83	47.24
Rural-nonfarm.....	18.35	20.88	12.36	25.59	34.50
Rural-farm.....	10.00	13.69	6.45	6.00	13.22
MEDIAN MONTHLY RENT¹					
Total.....	\$20.09	\$23.17	\$18.22	\$18.59	\$21.52
Urban and rural-nonfarm.....	23.73	27.45	21.41	24.60	24.25
Urban.....	27.31	32.59	24.60	27.08	32.28
Rural-nonfarm.....	13.20	16.21	10.08	17.19	22.57
Rural-farm.....	5.97	9.78	4.72	3.84	6.29

¹ For definition of median, see headnote, table 878.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 873.—DWELLING UNITS, URBAN AND RURAL—ESTIMATED TOTAL MONTHLY RENT AND ESTIMATED TOTAL VALUE: 1940

[For urban and rural-nonfarm units, monthly rent and value include land; for farm units, farm land is excluded. Monthly rental data include contract rent of tenant-occupied nonfarm units and estimated rent of other units. Monthly rent of owner-occupied rural-farm units is an estimate based on 1 percent of reported value. Value of owner-occupied units represents the owners' estimate of the value. For tenant-occupied and vacant units value was estimated as 100 times the monthly rent. Value or rent of units for which these data were not reported was estimated by assuming that the average value or rent of such units was the same as the value or rent of reporting units in the corresponding tenure and occupancy group of the urban and rural areas of each region]

[In thousands]

SUBJECT AND OCCUPANCY STATUS	Total	Urban	Rural-nonfarm	Rural-farm
Estimated total monthly rent of all dwelling units.....	\$893,715	\$668,362	\$148,565	\$76,788
Owner-occupied.....	411,906	283,508	77,211	51,187
Tenant-occupied.....	412,287	347,934	42,705	21,598
Vacant, for sale or rent.....	49,422	32,068	14,678	2,676
Vacant, not for sale or rent.....	20,101	4,802	13,971	1,327
Estimated total value of all dwelling units.....	\$95,439,310	\$71,110,397	\$16,267,971	\$8,060,942
Owner-occupied.....	46,151,888	31,929,917	8,914,115	5,307,855
Tenant-occupied.....	42,211,598	35,442,460	4,433,164	2,325,075
Vacant, for sale or rent.....	5,035,391	3,252,718	1,493,318	289,385
Vacant, not for sale or rent.....	2,040,433	485,302	1,417,373	137,757

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Special Reports, Series H-1943, No. 1.

No. 874.—DWELLING UNITS, URBAN AND RURAL—TYPE OF STRUCTURE, NUMBER OF ROOMS, AND FACILITIES: 1940

SUBJECT	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
TYPE OF STRUCTURE								
All dwelling units	37,325,470	21,616,352	8,066,837	7,642,281	100.0	100.0	100.0	100.0
1-family detached	23,730,637	9,084,180	6,710,134	7,336,317	63.6	44.8	83.2	96.0
1-family attached	1,178,318	974,540	141,981	61,701	3.2	4.5	1.8	.8
2-family side-by-side	1,650,858	2,125,558	355,024	86,276	4.4	5.6	4.4	1.1
2-family other	3,464,282	3,011,204	352,114	100,904	9.3	13.0	4.4	1.3
3-family	1,384,641	1,271,644	101,373	11,712	3.7	5.9	1.3	.2
4-family	874,732	824,024	47,644	3,164	2.3	3.8	6	(1)
1- to 4-family business	910,726	713,048	212,227	15,451	2.5	3.3	2.6	.2
5- to 9-family	1,492,145	1,487,203	51,043	3,809	4.0	6.6	.6	(1)
10- to 19-family	854,206	836,946	15,614	1,706	2.3	3.9	.2	(1)
20-family or more	1,581,887	1,571,186	9,901	800	4.2	7.3	.1	(1)
Other dwelling place	166,975	76,802	69,882	20,291	.4	.4	.0	.3
CONVERSION								
Number reporting	36,610,744	21,176,969	7,916,203	7,517,572	100.0	100.0	100.0	100.0
In nonconverted structures	33,207,029	18,591,550	7,325,071	7,290,408	90.7	87.8	92.5	97.0
In converted structures	3,403,115	2,585,419	500,532	227,164	9.3	12.2	7.5	3.0
Converted to different number of units	2,940,377	2,352,425	410,885	177,067	8.0	11.1	5.2	2.4
Converted from nonresidential	462,738	232,904	179,647	50,097	1.3	1.1	2.3	.7
YEAR BUILT								
Number reporting	34,664,339	19,747,848	7,582,641	7,333,850	100.0	100.0	100.0	100.0
1935 to 1940	3,190,264	1,215,298	1,256,282	718,687	9.2	6.2	16.6	9.8
1930 to 1934	2,337,832	977,927	788,711	571,194	6.7	5.0	10.4	7.8
1925 to 1929	4,554,531	3,032,741	954,018	567,172	13.1	15.4	12.6	7.7
1920 to 1924	3,060,733	2,455,506	800,900	695,177	11.4	12.4	10.7	9.5
1910 to 1919	6,445,480	3,784,521	1,224,220	1,486,730	18.6	19.2	16.1	19.6
1900 to 1909	6,116,587	3,731,590	1,004,504	1,320,373	17.6	18.9	14.0	18.0
1890 to 1899	3,663,847	2,221,775	681,755	760,317	10.3	11.3	7.4	10.4
1880 to 1889	1,952,257	1,149,558	341,077	460,722	5.6	6.8	4.5	6.3
1860 to 1879	1,535,297	801,704	304,708	428,825	4.4	4.1	4.0	5.8
1859 or earlier	1,007,541	377,141	255,756	374,644	2.0	1.0	3.4	5.1
Median age (years) ¹	25.4	26.1	20.2	28.1	-----	-----	-----	-----
NUMBER OF ROOMS								
Number reporting	36,832,186	21,339,428	7,951,314	7,541,444	100.0	100.0	100.0	100.0
1 room	1,307,344	760,796	341,018	204,030	3.5	3.6	4.3	2.7
2 rooms	3,215,423	2,710,490	793,055	711,869	8.7	8.0	10.0	9.4
3 rooms	5,331,572	3,104,302	1,107,032	1,120,238	14.5	14.5	13.9	14.0
4 rooms	6,891,900	3,815,290	1,568,730	1,507,070	18.7	17.9	19.9	20.0
5 rooms	7,302,053	4,048,707	1,503,556	1,140,700	19.8	21.8	18.9	15.2
6 rooms	6,321,630	4,001,856	1,252,022	1,067,752	17.2	18.8	15.7	14.2
7 rooms	2,686,719	1,559,344	632,364	677,011	7.8	7.3	8.0	9.0
8 rooms	1,886,121	1,016,878	406,534	562,700	5.1	4.3	5.1	7.5
9 rooms	737,986	349,386	151,055	237,545	2.0	1.6	1.9	3.1
10 rooms	481,330	228,027	97,582	155,730	1.3	1.1	1.2	2.1
11 rooms or more	488,009	244,253	97,406	146,290	1.3	1.1	1.2	1.9
Median number of rooms ²	4.73	4.78	4.61	4.70	-----	-----	-----	-----
STATE OF REPAIR AND PLUMBING EQUIPMENT								
Number reporting	35,026,442	20,063,571	7,659,437	7,303,434	100.0	100.0	100.0	100.0
Not needing major repairs	28,612,715	17,764,681	6,022,916	4,825,088	81.7	88.5	78.6	66.1
With private bath and private flush toilet	17,793,341	14,327,960	2,767,351	698,030	50.8	71.4	36.1	9.6
With private flush toilet, no private bath	1,165,654	912,087	221,326	31,641	3.3	4.5	2.0	.4
With running water, no private flush toilet	2,814,261	1,688,425	755,804	370,032	8.0	8.4	9.9	5.1
No running water in dwelling unit	6,889,459	835,009	2,278,465	3,725,385	19.5	4.2	29.7	51.0
Needing major repairs	6,413,727	2,298,890	1,636,491	2,478,346	18.3	11.5	21.4	33.9
With private bath and private flush toilet	1,381,003	1,061,711	242,804	76,488	3.9	5.3	3.2	1.0
With private flush toilet, no private bath	336,125	283,157	46,650	6,309	1.0	1.4	.6	.1
With running water, no private flush toilet	811,910	473,416	229,150	109,335	2.3	2.4	3.0	1.5
No running water in dwelling unit	3,884,089	480,066	1,117,869	2,286,214	11.1	2.4	14.6	31.3
LIGHTING EQUIPMENT								
Number reporting	36,746,762	21,283,388	7,950,578	7,512,796	100.0	100.0	100.0	100.0
Electric	28,915,487	20,379,352	16,155,090	2,351,045	78.7	95.8	77.8	31.3
Gas	207,922	54,088	54,422	99,412	.6	.3	.7	1.3
Kerosene or gasoline	7,409,732	814,645	1,658,670	4,936,408	20.2	3.8	20.9	65.7
Other	213,621	35,303	52,387	125,931	.6	.2	.7	1.7

¹ Less than one-tenth of 1 percent.² For definition of median, see headnote, table 878.

No. 875.—DWELLING UNITS, URBAN AND RURAL—OCCUPIED UNITS BY PERSONS PER ROOM, FACILITIES AND EQUIPMENT, AND MORTGAGE STATUS: 1940

SUBJECT	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
All occupied dwelling units	34,854,532	20,596,500	7,151,473	7,106,559	-----	-----	-----	-----
PERSONS PER ROOM								
Number reporting	34,447,032	20,364,883	7,064,895	7,017,254	100.0	100.0	100.0	100.0
0.50 or less	10,846,471	6,396,768	2,387,938	2,031,865	31.5	31.4	33.8	29.4
0.51 to 0.75	8,063,070	5,235,872	1,478,639	1,348,559	23.2	25.7	20.9	19.2
0.76 to 1.00	8,572,597	5,502,014	1,595,885	1,474,088	24.9	27.0	22.6	21.0
1.01 to 1.50	3,878,072	2,058,996	816,078	1,004,298	11.3	10.1	11.5	14.3
1.51 to 2.00	1,951,904	846,888	468,075	636,941	5.7	4.2	6.6	9.1
2.01 or more	1,134,018	323,745	318,780	491,403	3.3	1.6	4.5	7.0
RADIO								
Number reporting	33,890,506	20,010,014	6,969,455	6,911,837	100.0	100.0	100.0	100.0
With radio	28,048,219	18,386,121	5,502,730	4,169,368	82.8	91.9	79.0	60.2
No radio	5,842,287	1,623,893	1,466,725	2,751,609	17.2	8.1	21.0	39.8
REFRIGERATION EQUIPMENT								
Number reporting	34,205,414	20,253,009	7,016,193	6,936,212	100.0	100.0	100.0	100.0
Mechanical	15,003,346	11,339,901	2,718,532	1,034,013	44.1	56.0	38.7	14.0
Ice	9,255,068	6,395,522	1,013,169	1,244,372	27.1	31.6	23.0	17.9
Other	494,421	113,870	105,110	275,441	1.4	.6	1.5	4.0
None	9,364,582	2,403,716	2,570,382	4,381,486	27.4	11.9	36.8	63.2
COOKING FUEL								
Number reporting	34,342,311	20,290,588	7,050,578	7,001,145	100.0	100.0	100.0	100.0
Coal or coke	3,901,550	1,627,380	1,348,298	1,085,893	11.5	8.0	19.1	14.1
Wood	8,101,610	1,221,118	2,013,147	4,867,345	23.8	6.0	28.6	69.5
Gas	10,776,077	14,818,814	1,691,570	265,693	48.8	73.0	24.0	3.8
Electricity	7,837,503	1,038,295	613,189	180,019	5.4	5.1	8.7	2.7
Kerosene or gasoline	3,343,936	1,399,900	1,314,246	629,790	9.7	6.9	18.6	9.0
Other	178,728	82,466	30,276	56,983	.5	.4	.6	.8
None	142,907	102,623	30,852	9,432	.4	.5	.4	.1
HEATING EQUIPMENT								
Number reporting	34,149,065	20,190,303	7,004,175	6,954,587	100.0	100.0	100.0	100.0
With central heating	14,346,835	11,749,595	1,893,104	704,046	42.0	58.2	27.0	10.1
Steam or hot water system	7,427,754	6,619,331	669,217	139,206	21.8	32.8	0.6	2.0
Piped warm air system	5,725,304	4,472,616	878,064	374,714	16.8	22.2	12.5	5.4
Pipeless warm air furnace	1,193,057	657,648	345,913	190,126	3.5	3.3	4.9	2.7
Without central heating	19,802,230	8,440,708	5,110,981	6,250,541	58.0	41.8	73.0	89.9
Heating stove	15,928,323	7,081,478	4,286,929	4,559,910	46.6	35.1	61.2	85.5
Other or none	3,873,907	1,359,230	824,052	1,690,626	11.3	6.7	11.8	24.3
HEATING FUEL BY CENTRAL HEATING								
Reporting heating equipment	34,149,065	20,190,303	7,004,175	6,954,587	100.0	100.0	100.0	100.0
With central heating:								
Coal or coke	10,903,163	8,971,473	1,442,536	489,154	31.9	44.4	20.6	7.0
Wood	373,322	119,544	82,665	171,113	1.1	.6	1.2	2.5
Gas	1,109,587	983,683	114,239	11,065	3.2	4.9	1.6	.2
Fuel oil	1,687,737	1,428,188	231,755	27,794	4.9	7.1	3.3	.4
Other	78,215	66,088	9,621	2,511	.2	.3	.1	(1)
Not reporting fuel	194,811	180,624	12,378	1,809	.6	.9	.2	(1)
Without central heating:								
Coal or coke	7,622,427	3,850,639	2,288,734	1,483,054	22.3	19.1	32.7	21.3
Wood	7,362,155	1,003,340	1,837,154	4,461,661	21.6	5.3	26.2	64.2
Gas	2,728,381	2,139,792	484,902	103,627	8.0	10.6	0.9	1.5
Fuel oil	1,220,248	830,740	286,691	102,812	3.6	4.1	4.1	1.5
Kerosene or gasoline	486,479	333,629	107,788	45,062	1.4	1.7	1.5	.6
Other	50,622	27,617	12,405	10,000	.1	.1	.2	.1
None	262,648	161,466	71,196	29,986	.8	.8	1.0	.4
Not reporting fuel	69,875	33,485	22,051	14,339	.2	.2	.3	.2
MORTGAGE STATUS								
Owner-occupied nonfarm units	11,413,036	7,714,960	3,608,070	-----	-----	-----	-----	-----
Reporting mortgage status	10,611,259	7,275,576	3,335,683	-----	100.0	100.0	100.0	-----
Mortgaged	4,804,778	3,682,839	1,121,939	-----	45.3	50.6	33.6	-----
Free of mortgage	5,806,481	3,592,737	2,213,744	-----	54.7	49.4	66.4	-----
INCLUSION OF FURNITURE IN RENT								
Tenant-occupied nonfarm units	16,334,937	12,881,540	3,453,397	-----	-----	-----	-----	-----
Number reporting	14,680,168	11,784,595	2,895,573	-----	100.0	100.0	100.0	-----
Furniture included in contract rent	1,850,901	1,634,304	216,597	-----	12.6	13.9	7.5	-----
Furniture not included	12,829,267	10,150,291	2,678,976	-----	87.4	86.1	92.5	-----

¹ Less than one-tenth of 1 percent.² Mortgage data are limited to owner-occupied nonfarm units in structures without business and containing not more than 4 dwelling units.

Source: Dept. of Commerce, Bureau of Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 876.—DWELLING UNITS, URBAN AND RURAL—TOTAL AND OCCUPIED, BY STATES: 1940

DIVISION AND STATE	ALL DWELLING UNITS				OCCUPIED DWELLING UNITS			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
United States...	37,925,470	21,616,352	8,066,837	7,642,281	34,854,632	20,596,500	7,151,473	7,106,559
New England.....	2,438,329	1,762,742	526,411	149,176	2,201,421	1,674,259	395,506	131,656
Maine.....	260,659	94,787	120,424	45,448	218,968	88,406	90,186	40,376
New Hampshire.....	158,044	79,549	59,260	19,235	132,936	75,355	41,550	16,031
Vermont.....	100,362	33,746	44,036	25,580	92,435	32,405	35,104	24,806
Massachusetts.....	1,221,252	1,059,441	135,579	26,282	1,120,694	1,002,433	94,641	23,720
Rhode Island.....	203,469	181,143	19,407	2,919	187,706	171,256	13,860	2,610
Connecticut.....	488,543	314,076	147,705	26,762	448,682	304,364	120,205	24,113
Middle Atlantic.....	7,874,403	6,005,483	1,407,247	461,673	7,277,897	5,666,299	1,186,295	425,303
New York.....	4,032,460	3,270,539	547,515	205,406	3,662,113	3,055,529	423,270	183,905
New Jersey.....	1,223,887	981,347	226,514	36,026	1,100,260	899,637	167,675	32,948
Pennsylvania.....	2,618,056	1,764,597	638,218	220,241	2,515,524	1,711,133	505,341	209,050
East North Central.....	7,681,568	5,010,041	1,455,338	1,216,189	7,276,239	4,853,482	1,269,920	1,151,837
Ohio.....	1,077,603	1,331,713	305,025	280,955	1,897,706	1,291,248	338,184	208,384
Indiana.....	1,005,052	555,147	228,338	222,467	961,408	541,073	208,010	212,415
Illinois.....	2,280,826	1,687,563	338,505	259,768	2,102,724	1,033,017	310,446	249,261
Michigan.....	519,378	958,532	322,921	237,925	1,396,014	924,913	252,211	218,890
Wisconsin.....	897,719	477,086	205,549	215,084	827,207	403,231	101,089	202,887
West North Central.....	3,915,903	1,793,744	880,659	1,241,500	3,688,149	1,717,276	815,294	1,155,579
Minnesota.....	773,042	304,603	159,769	218,580	728,369	388,338	135,089	200,334
Iowa.....	726,654	320,989	168,924	236,741	701,924	312,303	161,077	228,354
Missouri.....	1,140,493	609,286	219,366	311,841	1,068,642	573,347	204,507	290,788
North Dakota.....	162,881	35,118	49,068	78,700	152,043	34,060	47,024	70,950
South Dakota.....	179,744	45,281	53,087	81,376	165,428	43,558	49,548	72,322
Nebraska.....	387,368	153,358	94,515	139,495	360,744	146,259	89,390	125,005
Kansas.....	545,721	235,019	135,935	174,707	511,109	224,314	128,059	158,736
South Atlantic.....	4,547,316	1,923,265	1,266,878	1,357,173	4,278,771	1,828,329	1,179,744	1,270,698
Delaware.....	75,507	38,181	25,029	12,357	70,541	37,070	21,830	11,641
Maryland.....	500,155	297,243	143,784	50,179	465,683	286,506	124,112	55,066
Dist. of Columbia.....	185,128	185,128	185,128	185,128	173,445	173,445	173,445	173,445
Virginia.....	650,787	252,170	184,768	222,840	627,532	244,105	174,210	200,208
West Virginia.....	459,725	144,152	199,660	115,913	444,815	140,556	102,771	111,488
North Carolina.....	820,888	246,060	227,681	847,147	789,650	239,917	217,703	332,030
South Carolina.....	458,899	126,503	132,422	199,974	434,968	123,503	126,119	185,346
Georgia.....	796,715	296,325	170,371	321,019	752,241	288,818	170,595	202,828
Florida.....	590,451	337,494	174,218	78,744	519,887	204,410	122,395	73,082
East South Central.....	2,736,525	887,147	609,173	1,240,205	2,622,203	862,008	585,233	1,174,962
Kentucky.....	729,206	247,957	187,475	203,774	698,538	238,233	179,890	280,365
Tennessee.....	742,030	283,649	165,037	300,344	714,894	276,056	152,107	286,641
Alabama.....	708,048	232,437	164,531	311,075	673,815	227,309	167,226	280,280
Mississippi.....	557,246	123,104	99,130	335,012	334,956	120,330	95,920	318,076
West South Central.....	3,592,215	1,514,410	788,720	1,289,085	3,377,230	1,443,835	747,601	1,185,794
Arkansas.....	520,613	127,751	116,225	270,637	495,825	123,528	111,636	260,661
Louisiana.....	619,233	271,064	143,392	204,777	592,528	262,927	136,615	192,086
Oklahoma.....	647,485	260,613	145,864	232,008	610,481	254,779	139,605	216,007
Texas.....	1,804,884	845,982	383,230	575,663	1,678,306	802,601	359,745	516,050
Mountain.....	1,238,588	533,588	393,861	311,139	1,120,450	507,692	343,590	269,168
Montana.....	177,443	67,221	56,801	58,921	169,908	64,148	49,737	46,073
Idaho.....	152,885	52,975	45,034	53,926	141,727	50,774	41,235	49,718
Wyoming.....	76,868	29,024	25,365	22,470	69,374	27,332	22,842	19,200
Colorado.....	354,660	182,794	96,208	75,658	316,000	174,750	77,956	63,285
New Mexico.....	145,642	49,527	50,166	45,949	129,475	46,713	43,007	39,665
Arizona.....	147,079	52,878	62,038	32,163	131,133	48,924	55,813	26,396
Utah.....	147,291	86,262	39,763	22,266	139,487	81,768	37,115	20,614
Nevada.....	36,770	13,907	18,086	4,777	33,291	13,284	16,795	4,212
Pacific.....	3,300,623	2,185,932	738,550	876,141	3,018,172	2,043,320	628,290	341,562
Washington.....	590,489	322,164	165,746	102,529	537,337	302,208	141,673	93,456
Oregon.....	369,811	184,068	104,744	80,998	337,402	172,500	92,067	72,205
California.....	2,340,873	1,070,699	468,060	192,614	2,138,343	1,508,552	393,950	175,841

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 877.—OWNER-OCCUPIED DWELLING UNITS, URBAN AND RURAL, AND TENANT-OCCUPIED UNITS, BY STATES: 1940

[For total number of occupied units, see table 876]

DIVISION AND STATE	OWNER-OCCUPIED UNITS								TENANT-OCCUPIED UNITS	
	Number				Percent				Number	Percent
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm		
United States	15,195,763	7,714,960	3,698,076	3,782,727	43.6	37.5	51.7	53.2	19,658,769	56.4
New England	924,408	592,745	224,230	107,433	42.0	35.4	56.7	51.6	1,277,013	58.0
Maine	125,390	86,988	54,209	34,193	57.3	41.8	60.1	54.7	92,578	42.7
New Hampshire	68,705	30,757	24,374	13,574	51.7	40.8	58.7	54.7	64,231	48.3
Vermont	51,709	13,198	18,038	19,873	55.0	40.7	53.0	50.1	40,726	44.1
Massachusetts	428,785	351,833	55,040	19,012	38.1	35.1	50.2	50.2	603,009	61.9
Rhode Island	70,190	61,010	7,274	1,906	37.4	35.6	52.5	73.0	117,516	62.6
Connecticut	181,629	98,959	63,705	18,875	40.5	32.5	53.1	78.3	267,053	59.5
Middle Atlantic	2,700,214	1,746,612	644,251	303,351	37.1	30.8	54.3	72.7	4,577,683	62.9
New York	1,111,388	726,860	247,360	137,108	30.3	23.8	58.4	74.8	2,550,725	69.7
New Jersey	423,878	315,500	95,311	23,007	39.4	35.1	56.8	60.8	666,382	60.6
Pennsylvania	1,154,948	704,192	301,580	140,176	45.0	41.2	50.7	71.4	1,360,576	54.1
East North Central	8,565,823	2,033,285	778,560	753,978	49.0	41.9	61.3	65.5	3,709,416	51.0
Ohio	948,354	568,057	200,880	179,417	50.0	44.0	59.4	64.9	944,442	50.0
Indiana	510,636	245,764	126,050	138,822	53.1	45.4	60.6	65.4	450,862	46.0
Illinois	882,870	673,029	185,445	124,398	40.3	35.1	59.7	69.9	1,808,884	59.7
Michigan	773,755	438,376	169,355	166,024	55.4	47.4	67.1	75.8	622,269	44.6
Wisconsin	450,208	208,059	96,830	145,310	54.4	44.9	60.1	71.6	376,999	45.6
West North Central	1,817,304	750,233	452,932	614,139	49.3	43.7	55.6	53.1	1,870,845	50.7
Minnesota	402,318	184,886	82,143	135,289	55.2	48.2	60.5	64.9	326,041	44.8
Iowa	361,477	157,732	94,440	109,305	51.5	50.5	58.6	47.9	340,347	48.5
Missouri	472,950	201,064	109,856	162,030	44.3	35.1	53.7	55.7	595,692	52.7
North Dakota	75,710	13,549	24,526	37,635	49.8	39.8	52.2	58.0	76,353	50.2
South Dakota	74,388	18,269	23,708	32,421	45.0	41.9	47.8	44.8	91,040	55.0
Nebraska	169,066	67,069	46,606	55,391	47.1	46.5	52.1	44.3	100,778	52.9
Kansas	260,495	106,774	71,663	82,068	51.0	47.6	56.0	51.7	250,614	49.0
South Atlantic	1,733,705	631,317	491,233	611,155	40.5	34.5	41.6	48.1	2,545,066	59.5
Delaware	33,213	15,265	11,513	6,435	47.1	41.2	52.7	55.3	37,328	52.9
Maryland	220,765	116,395	71,480	32,720	47.4	40.7	57.6	50.4	244,918	52.6
Dist. of Columbia	51,944	51,944	—	—	29.9	29.9	—	—	121,501	70.1
Virginia	306,088	88,302	85,994	132,932	48.9	36.2	49.4	63.3	320,844	51.1
West Virginia	194,409	56,588	61,020	75,901	43.7	40.3	32.1	68.1	250,406	56.3
North Carolina	335,083	76,758	92,737	165,518	42.4	32.0	42.6	49.8	454,596	57.6
South Carolina	133,279	33,800	35,618	64,352	30.6	27.0	28.2	34.7	301,689	60.4
Georgia	231,689	76,968	61,207	93,424	30.8	26.6	35.9	31.9	520,552	60.2
Florida	226,655	115,528	70,664	40,473	43.6	39.2	46.4	55.4	293,232	60.4
East South Central	1,055,116	234,486	233,166	527,458	40.2	34.2	39.8	44.9	1,567,093	59.8
Kentucky	335,350	90,425	74,864	170,071	48.0	37.9	41.6	60.7	363,188	52.0
Tennessee	315,182	92,385	69,529	183,208	44.1	33.5	45.7	53.5	309,712	55.9
Alabama	226,460	70,224	51,943	104,283	33.6	30.0	33.0	36.1	447,355	60.4
Mississippi	178,118	41,452	36,840	90,820	33.3	34.4	38.4	31.3	336,838	60.7
West South Central	1,394,207	566,835	356,475	470,897	41.3	39.3	47.7	39.7	1,983,023	58.7
Arkansas	196,016	47,307	47,185	102,384	39.7	38.4	42.3	39.3	298,009	60.3
Louisiana	218,447	83,491	65,967	68,989	36.9	31.8	48.3	35.7	374,081	63.1
Oklahoma	261,162	109,403	65,746	86,013	42.8	42.9	47.1	39.8	340,310	57.2
Texas	717,682	326,544	177,577	213,561	42.8	40.7	40.4	41.4	960,714	57.2
Mountain	582,978	233,574	179,270	170,134	52.0	46.0	52.2	63.2	537,472	48.0
Montana	83,126	27,627	26,652	28,847	52.0	43.1	53.6	62.6	76,837	48.0
Idaho	82,078	27,059	22,577	32,442	57.9	53.3	54.8	65.3	59,649	42.1
Wyoming	33,749	12,645	9,768	11,336	48.6	46.3	42.8	59.0	35,625	51.4
Colorado	146,455	75,062	38,002	32,491	46.3	43.0	49.0	51.3	169,545	53.7
New Mexico	74,150	21,861	23,824	28,475	57.3	46.8	55.3	71.8	55,325	42.7
Arizona	62,842	19,191	26,867	16,784	47.9	39.2	48.1	63.6	68,291	52.1
Utah	85,225	44,568	23,706	16,891	61.1	64.5	64.0	81.9	54,262	38.9
Nevada	15,353	5,571	6,914	2,868	46.1	41.9	43.8	68.1	17,988	53.0
Pacific	1,422,014	865,873	337,959	218,182	47.2	42.4	53.8	63.9	1,591,158	52.8
Washington	306,174	152,050	85,973	68,142	57.0	50.3	60.7	72.9	231,163	43.0
Oregon	187,044	84,211	51,564	51,260	55.4	48.8	55.6	70.9	150,448	44.6
California	928,796	629,693	200,422	98,771	43.4	40.1	50.9	56.2	1,209,347	56.6

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 878.—DWELLING UNITS, URBAN AND RURAL—NONFARM—MEDIAN RENT, MEDIAN VALUE, AND MORTGAGE STATUS, BY TENURE, BY STATES: 1940

[Median defined: That item which is in the middle of a series arranged according to size. Thus, the median rent is the rent which divides the total number of dwelling units in two equal groups, one having rents higher than the median and one having rents lower than the median]

DIVISION AND STATE	MEDIAN CONTRACT OR ESTIMATED MONTHLY RENT (DOLLARS) ¹			OWNER OCCUPIED					
	Total non- farm	Owner occu- pied	Ten- ant occu- pied	Median value (dollars)			Mortgage status ²		
				Total non- farm	Urban	Rural- non- farm	Non- farm units report- ing	Num- ber	Per- cent
United States	23.73	27.45	21.41	2,958	3,501	1,715	10,611,259	4,804,778	45.3
New England	26.19	32.87	23.19	3,652	3,944	2,747	760,509	437,967	57.6
Maine	18.87	10.14	17.41	2,008	2,873	1,483	52,833	24,935	30.1
New Hampshire	10.07	23.13	17.53	2,505	3,048	1,803	50,669	20,703	40.0
Vermont	10.02	24.37	16.25	2,836	4,141	2,057	29,625	11,931	40.3
Massachusetts	28.00	35.63	24.60	3,837	3,981	2,907	380,030	238,860	62.9
Rhode Island	23.29	33.08	20.17	3,898	3,941	3,045	4,310	37,704	58.7
Connecticut	28.01	38.84	26.00	4,615	4,578	4,082	153,036	103,774	67.8
Middle Atlantic	30.39	34.85	28.59	3,840	4,210	2,824	2,234,904	1,162,623	52.0
New York	34.51	39.48	33.39	4,389	4,730	3,852	909,145	565,045	62.2
New Jersey	31.73	40.53	27.95	4,528	4,843	3,599	383,890	212,970	55.5
Pennsylvania	24.21	28.81	21.30	3,205	3,562	2,221	941,860	354,599	40.8
East North Central	25.79	28.41	23.70	3,096	3,572	1,803	2,645,649	1,250,981	47.3
Ohio	25.03	29.79	21.50	3,415	3,816	2,024	731,918	363,523	49.7
Indiana	19.60	22.79	17.38	2,406	2,937	1,434	348,916	163,890	47.0
Illinois	27.70	29.61	26.58	3,277	3,766	1,715	703,885	314,298	44.6
Michigan	27.44	28.31	26.64	2,863	3,310	1,749	574,590	284,825	49.6
Wisconsin	26.30	28.03	23.89	3,232	3,702	2,130	285,340	124,432	43.6
West North Central	18.87	22.00	17.01	2,312	2,930	1,417	1,119,251	424,945	38.0
Minnesota	21.87	28.37	21.68	3,024	3,511	1,870	250,528	102,790	41.0
Iowa	18.87	21.09	16.94	2,253	2,769	1,479	232,424	77,369	33.3
Missouri	18.51	22.62	16.77	2,392	3,005	1,316	287,784	129,805	45.1
North Dakota	15.36	16.07	15.07	1,626	3,310	1,185	34,668	9,574	27.6
South Dakota	14.36	15.88	13.84	1,618	2,571	1,130	38,098	11,084	29.2
Nebraska	17.57	20.00	15.92	2,156	2,793	1,375	108,870	38,476	35.3
Kansas	14.91	16.94	13.89	1,733	2,111	1,247	166,960	55,847	33.4
South Atlantic	16.05	24.31	12.49	2,513	3,280	1,542	1,021,508	399,517	39.1
Delaware	28.26	37.81	22.58	4,159	4,743	3,381	24,860	12,646	50.9
Maryland	25.60	31.65	21.68	3,031	3,050	2,064	173,580	76,250	43.9
District of Columbia	47.53	64.80	41.42	7,508	7,568	50,151	32,511	61.8	
Virginia	16.45	23.08	13.27	2,633	3,620	1,769	160,085	60,863	38.0
West Virginia	13.97	21.12	12.08	2,350	3,579	1,460	104,232	33,600	32.2
North Carolina	11.66	17.37	9.42	1,802	2,827	1,249	147,613	55,589	37.7
South Carolina	8.50	19.97	6.48	2,145	3,368	1,340	62,146	22,323	35.0
Georgia	10.10	19.27	8.15	1,057	2,560	1,314	125,431	46,134	36.8
Florida	16.95	21.51	12.93	2,218	2,966	1,158	173,401	59,562	34.4
East South Central	11.07	17.25	8.98	1,752	2,482	981	470,255	157,554	33.5
Kentucky	13.29	19.81	11.23	2,074	2,907	1,068	145,682	50,842	34.9
Tennessee	12.38	17.80	10.49	1,826	2,436	1,121	147,458	49,034	33.9
Alabama	8.80	15.76	7.20	1,610	2,341	900	103,717	36,892	33.9
Mississippi	7.78	13.17	6.24	1,180	1,875	688	68,388	18,586	29.1
West South Central	13.43	16.06	12.15	1,489	2,216	682	840,395	281,539	33.5
Arkansas	8.04	11.22	6.47	1,100	1,960	585	82,113	21,722	26.5
Louisiana	12.43	14.83	11.54	1,414	2,314	643	135,915	44,273	32.6
Oklahoma	13.16	14.03	12.50	1,293	2,088	526	158,410	59,552	37.0
Texas	14.00	18.16	13.40	1,693	2,273	889	463,957	156,902	33.8
Mountain	17.65	19.45	16.92	1,902	2,644	897	378,487	132,648	35.0
Montana	17.66	18.74	17.72	1,651	2,567	937	49,206	12,069	26.4
Idaho	16.10	17.25	15.33	1,600	2,363	933	45,271	15,077	33.3
Wyoming	18.56	22.87	16.94	2,174	3,119	1,160	20,819	8,300	39.9
Colorado	16.26	22.00	18.06	2,091	2,715	907	106,216	42,424	39.0
New Mexico	11.49	9.62	12.99	656	1,715	362	40,471	9,065	22.4
Arizona	15.26	17.00	14.57	1,400	2,488	812	42,093	15,020	35.7
Utah	20.10	22.43	18.17	2,320	2,861	1,373	63,347	26,764	42.2
Nevada	20.82	24.26	19.84	1,987	3,838	963	11,064	3,023	27.3
Pacific	25.97	29.53	23.85	3,156	3,554	2,008	1,140,301	557,004	48.8
Washington	19.43	22.60	17.47	2,350	2,743	1,624	223,314	95,275	44.0
Oregon	18.77	21.95	16.94	2,343	2,860	1,434	126,312	53,822	42.0
California	28.01	33.26	25.61	3,527	3,840	2,388	700,675	404,907	51.2

¹ Includes contract rent of tenant occupied units and estimated rent of owner-occupied and vacant units.

² Mortgage data are limited to owner-occupied nonfarm units in structures without business and containing not more than 4 dwelling units; percent represents percent of reporting owner-occupied units which were mortgaged. For number of owner-occupied urban and rural-nonfarm units, see table 877.

No. 879.—DWELLING UNITS, URBAN AND RURAL—MEDIAN NUMBER OF ROOMS AND UNITS WITH PRIVATE BATHTUB OR SHOWER IN STRUCTURE, BY STATES: 1940

[For total number of dwelling units, see table 876]

DIVISION AND STATE	MEDIAN NUMBER OF ROOMS ¹				Reporting on bathing equipment	DWELLING UNITS WITH PRIVATE BATH-TUB OR SHOWER IN STRUCTURE					
	All dwelling units	Urban	Rural non-farm	Rural farm		Percent					
						Total units (number)	Total	Urban	Rural non-farm	Rural farm	
United States	4.73	4.78	4.61	4.70	36,649,481	20,606,386	56.2	77.5	40.8	11.8	
New England	5.38	5.23	5.67	7.09	2,396,209	1,818,504	75.9	84.4	58.3	36.2	
Maine	5.68	5.49	5.46	6.85	254,142	117,203	46.1	68.5	39.0	17.4	
New Hampshire	5.63	5.35	5.62	7.26	154,367	95,254	61.7	77.5	40.0	34.5	
Vermont	6.27	5.68	6.08	7.67	104,985	62,299	59.3	85.9	54.5	35.3	
Massachusetts	5.37	5.31	5.71	6.89	1,200,688	997,043	83.0	86.3	63.6	53.1	
Rhode Island	5.18	5.13	5.68	7.10	202,008	154,227	76.3	79.2	55.1	40.1	
Connecticut	5.18	4.94	5.68	6.93	480,124	302,478	81.7	87.6	74.4	53.0	
Middle Atlantic	5.21	4.96	5.64	7.17	7,736,615	5,960,678	77.0	86.1	54.8	27.4	
New York	4.80	4.49	5.81	7.69	3,052,402	3,324,428	84.1	60.8	64.5	30.1	
New Jersey	5.27	5.17	5.63	6.57	1,202,220	985,267	82.0	86.6	67.7	46.0	
Pennsylvania	5.72	5.68	5.57	6.82	2,581,938	1,650,993	63.9	77.1	41.9	21.9	
East North Central	5.18	5.03	5.04	6.26	7,576,107	4,549,543	60.1	78.2	35.5	14.1	
Ohio	5.44	5.26	5.34	6.63	1,953,836	1,225,344	62.7	79.3	37.3	16.6	
Indiana	5.08	4.92	4.87	5.90	989,150	461,119	46.6	67.1	30.1	12.0	
Illinois	4.88	4.71	4.83	5.96	2,249,086	1,454,428	64.7	78.6	33.6	18.3	
Michigan	5.34	5.25	5.08	6.40	1,497,488	946,559	63.2	82.9	38.9	16.0	
Wisconsin	5.39	5.21	5.04	6.66	886,647	462,093	52.1	77.3	35.8	11.5	
West North Central	4.93	4.67	4.80	5.58	3,851,671	1,625,220	42.2	68.8	80.4	9.2	
Minnesota	5.03	4.84	4.65	5.86	761,117	353,517	46.4	73.7	31.4	7.7	
Iowa	5.67	5.08	5.58	6.64	715,068	307,571	43.0	65.8	38.3	15.4	
Missouri	4.25	4.14	4.23	4.44	1,121,458	492,930	44.0	68.5	30.8	4.7	
North Dakota	4.72	4.18	4.52	5.10	159,516	33,066	20.7	61.9	19.1	3.2	
South Dakota	5.08	4.61	4.73	5.66	170,092	46,587	26.5	62.1	28.4	5.2	
Nebraska	5.23	4.90	5.12	5.85	382,348	168,215	44.0	72.1	42.4	14.0	
Kansas	5.00	4.78	4.84	5.57	536,072	223,334	41.7	65.8	38.4	11.5	
South Atlantic	4.41	4.51	4.29	4.41	4,487,337	1,698,228	38.3	64.8	31.6	6.3	
Delaware	5.79	5.76	5.68	6.20	74,522	45,330	60.8	76.7	57.8	17.5	
Maryland	5.56	5.54	5.36	6.17	488,396	307,141	62.9	76.6	51.2	21.7	
District of Columbia	4.29	4.29	4.62	5.08	182,284	150,406	82.5	82.5	31.1	8.7	
Virginia	4.83	4.81	4.62	5.08	645,880	233,422	36.1	63.7	31.1	8.7	
West Virginia	4.60	5.02	4.21	4.08	448,257	160,555	35.8	75.6	24.0	6.1	
North Carolina	4.41	4.40	4.30	4.49	793,748	195,688	24.6	51.9	25.8	4.1	
South Carolina	3.99	3.77	3.88	4.12	449,125	97,480	21.7	44.9	26.2	3.8	
Georgia	3.85	3.69	3.82	3.95	776,426	191,036	24.6	47.0	26.3	3.2	
Florida	4.19	4.39	3.87	4.13	578,699	317,210	54.8	72.2	38.9	15.0	
East South Central	3.81	3.86	3.80	3.79	2,671,630	598,108	22.4	50.4	20.9	2.8	
Kentucky	4.05	4.06	3.97	4.11	713,651	194,320	27.2	60.4	20.8	3.0	
Tennessee	3.92	3.91	3.96	3.91	726,268	183,169	25.2	49.2	22.5	3.7	
Alabama	3.65	3.71	3.58	3.65	689,589	141,716	20.6	46.0	18.8	2.2	
Mississippi	3.55	3.44	3.48	3.60	542,122	78,903	14.0	41.3	22.1	2.4	
West South Central	3.82	4.02	3.66	3.75	3,518,383	1,242,691	35.3	61.8	30.3	7.0	
Arkansas	3.68	4.06	3.59	3.60	506,425	88,485	17.5	51.9	16.5	1.9	
Louisiana	3.74	3.92	3.60	3.64	608,534	200,015	34.3	60.7	26.5	4.5	
Oklahoma	3.88	4.22	3.69	3.71	630,443	217,757	34.5	64.2	26.0	5.1	
Texas	3.88	3.99	3.69	3.89	1,772,981	727,434	41.0	62.9	37.5	11.1	
Mountain	3.77	4.06	3.42	3.73	1,215,807	546,349	44.9	70.1	34.9	14.3	
Montana	3.73	3.84	3.48	3.86	174,722	66,352	38.0	67.5	30.4	9.0	
Idaho	3.01	4.00	3.50	4.15	149,948	69,806	39.9	67.6	34.0	18.0	
Wyoming	3.65	3.86	3.47	3.50	75,601	31,641	41.9	71.0	35.9	10.3	
Colorado	4.11	4.39	3.66	4.12	347,985	166,795	47.9	70.3	33.1	12.4	
New Mexico	3.08	3.42	2.83	2.05	142,026	40,449	28.5	55.7	19.9	8.6	
Arizona	3.19	3.81	3.09	1.03	144,054	70,070	48.6	70.9	45.2	18.6	
Utah	4.13	4.27	3.90	4.09	145,773	90,328	62.0	78.9	43.3	30.3	
Nevada	3.68	3.76	3.30	4.06	35,698	20,818	58.3	82.1	47.7	20.3	
Pacific	4.37	4.48	4.03	4.61	3,245,722	2,567,065	79.1	88.7	66.4	47.7	
Washington	4.33	4.42	4.00	4.70	580,424	382,882	66.0	81.1	54.7	36.4	
Oregon	4.56	4.73	4.00	4.82	363,300	230,583	63.5	82.9	52.4	33.5	
California	4.36	4.45	4.03	4.48	2,301,908	1,953,600	84.9	90.8	73.7	59.8	

¹ For definition of median, see headnote, table 878.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

NONFARM MORTGAGED PROPERTIES

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NO. 880.—NONFARM MORTGAGED PROPERTIES, OWNER-OCCUPIED ONE-FAMILY—
DEBT AND VALUE, AND AVERAGE INTEREST RATE ON FIRST MORTGAGE, BY STATES:
1940

DIVISION AND STATE	Total properties	Reporting debt and value	VALUE OF PROPERTY		OUTSTANDING INDEBTEDNESS (FIRST AND JUNIOR MORTGAGES)			Average interest rate on first mort-gage (percent)
			Total (1,000 dollars)	Average (dollars)	Total (1,000 dollars)	Percent of value	Average (dollars)	
United States	4,025,815	3,745,366	16,489,836	4,403	8,633,722	52.4	2,305	5.55
New England								
Maine	308,102	291,167	1,486,008	5,104	764,412	51.4	2,625	5.38
New Hampshire	20,320	18,667	58,017	3,108	25,550	44.0	1,369	5.59
Vermont	16,403	14,655	43,215	3,290	22,419	48.5	1,530	5.17
Massachusetts	9,679	9,038	32,870	3,638	14,071	42.8	1,557	5.36
Rhode Island	165,513	156,733	785,008	5,000	427,370	54.4	2,727	5.41
Connecticut	24,625	23,623	121,611	5,148	50,771	49.1	2,580	5.49
Middle Atlantic								
New York	897,953	834,107	4,548,874	5,454	2,479,215	54.5	2,972	5.47
New Jersey	395,763	373,740	2,267,486	6,067	1,261,008	55.6	3,374	5.37
Pennsylvania	169,000	154,000	920,492	5,978	492,485	53.5	3,196	5.48
East North Central								
Ohio	317,781	299,207	1,334,397	4,450	687,728	51.5	2,208	5.61
Indiana	149,484	136,015	453,482	3,811	219,057	48.8	1,600	5.64
Illinois	239,483	222,239	1,116,933	5,026	565,471	49.6	2,490	5.42
Michigan	246,666	233,744	922,427	3,946	504,610	54.7	2,159	5.48
Wisconsin	99,678	95,071	413,640	4,351	209,698	50.7	2,206	5.14
West North Central								
Minnesota	381,924	351,622	1,217,547	3,463	621,337	51.0	1,767	5.48
Iowa	85,436	81,020	341,020	3,092	163,604	48.0	1,014	5.28
Missouri	70,972	63,991	103,764	3,028	95,726	49.4	1,496	5.38
North Dakota	114,700	107,222	411,040	3,834	223,663	51.4	2,085	5.60
South Dakota	8,183	6,634	20,099	3,030	9,367	46.6	1,412	5.46
Nebraska	10,063	8,583	22,992	2,679	11,209	49.1	1,316	5.51
Kansas	35,706	33,217	103,077	3,103	51,612	60.1	1,554	5.45
South Atlantic								
Delaware	357,922	325,298	1,474,454	4,533	756,809	51.3	2,327	5.63
Maryland	11,023	11,023	59,839	5,426	28,421	47.5	2,577	5.68
D. of Columbia	64,763	58,355	272,850	4,676	143,516	52.6	2,450	5.59
Virginia	28,404	27,832	247,104	8,878	126,696	51.3	4,552	5.47
West Virginia	55,768	50,909	238,324	4,681	124,863	52.4	2,453	5.54
North Carolina	30,729	26,798	105,043	3,963	49,673	46.0	1,854	5.65
South Carolina	51,989	46,712	151,501	3,243	78,351	51.7	1,677	5.64
Georgia	20,166	17,500	64,923	3,710	32,613	50.2	1,864	5.68
Florida	40,677	36,476	136,126	3,732	72,519	53.3	1,988	5.72
East South Central								
Kentucky	149,494	125,463	419,970	3,347	217,740	51.8	1,735	5.64
Tennessee	45,191	40,310	149,062	3,698	77,585	52.0	1,925	5.69
Alabama	44,801	40,826	137,802	3,378	70,243	50.9	1,721	5.52
Mississippi	33,403	29,180	91,308	3,128	48,905	53.6	1,675	5.73
West South Central								
Arkansas	17,090	15,138	41,700	2,755	21,008	50.4	1,388	5.63
Louisiana	252,676	229,487	724,992	3,159	393,269	54.2	1,714	5.97
Oklahoma	19,903	16,251	41,908	2,579	20,217	48.2	1,244	6.08
Texas	87,003	84,531	120,631	3,493	64,177	53.2	1,859	5.88
Mountain								
Montana	120,288	108,957	348,945	3,203	175,310	50.2	1,609	5.79
Idaho	11,517	10,544	32,183	3,154	14,704	46.0	1,403	5.92
Wyoming	13,812	11,903	32,319	2,715	15,345	47.5	1,289	5.79
Colorado	7,195	6,853	23,040	3,362	11,867	51.5	1,732	5.86
New Mexico	98,400	84,220	110,637	3,233	56,240	50.8	1,043	5.71
Arizona	8,225	7,098	22,002	3,112	10,629	48.1	1,497	6.42
Utah	13,901	13,044	42,187	3,234	22,315	52.9	1,711	5.72
Nevada	24,490	23,147	77,250	3,338	39,632	51.3	1,713	5.67
Pacific								
Washington	513,374	491,999	2,028,167	4,122	1,051,064	51.8	2,136	5.73
Oregon	54,316	88,151	280,762	3,174	132,727	47.3	1,501	5.68
California	51,723	48,301	154,080	3,190	72,070	47.2	1,505	5.62
	367,335	355,247	1,503,326	4,485	845,658	53.1	2,380	5.75

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. IV, Part 1.

No. 881.—HOUSING CHARACTERISTICS FOR 34 SELECTED METROPOLITAN DISTRICTS: 1947

[Based on Current Population Survey of April 1947; see Sampling Note, p. 181]

METROPOLITAN DISTRICT	All dwelling units	Dwelling units in need of major repairs or without private bath	WITH PRIVATE BATHTUB OR SHOWER IN STRUCTURE		All occupied units	OWNER OCCUPIED		Median contract monthly rent ¹	Percent vacant ²
			Number	Percent		Number	Percent		
Akron, Ohio	120,287	24,790	101,861	85	118,400	81,326	69	\$33	0.3
Allentown-Bethlehem-Easton, Pa.	94,240	21,824	72,850	77	92,411	63,351	58	27	.2
Atlanta, Ga.	138,867	45,879	97,457	70	136,809	66,748	49	20	.4
Baltimore, Md.	364,929	75,190	305,807	84	354,526	180,250	51	34	.7
Birmingham, Ala.	138,282	67,260	74,176	54	135,350	66,614	49	15	.9
Boston, Mass.	732,600	66,150	678,600	93	710,550	300,375	42	32	.6
Chicago, Ill.	1,344,420	144,760	1,220,065	91	1,334,025	615,900	39	38	.2
Columbus, Ohio	126,198	24,190	109,962	87	123,697	64,493	52	33	.6
Dallas, Tex.	147,444	35,288	119,812	81	144,276	80,960	56	29	.7
Denver, Colo.	147,796	31,856	117,524	80	145,508	77,616	53	32	1.0
Detroit, Mich.	765,124	83,094	704,443	92	750,182	403,624	54	37	.6
Los Angeles, Calif.	1,273,500	106,125	1,183,875	93	1,236,000	654,375	53	35	.8
Lowell-Lawrence-Haverhill, Mass.	102,393	15,283	88,226	86	98,487	43,214	44	24	.3
Memphis, Tenn.	114,142	50,840	68,045	60	111,383	50,716	46	20	1.0
Minneapolis-St. Paul, Minn.	294,567	62,062	242,424	82	286,741	168,623	59	33	.2
New Haven, Conn.	102,331	6,768	97,164	95	97,340	50,220	52	27	.3
New Orleans, La.	170,968	42,000	140,448	82	167,440	55,552	33	21	.4
New York-Northeastern New Jersey	3,706,011	395,640	3,454,416	93	3,600,891	1,103,967	31	30	.2
Norfolk-Fortsmouth-Newport News, Va.	139,026	32,383	110,873	80	133,292	54,191	41	31	2.0
Philadelphia, Pa.	955,644	108,834	885,222	93	935,057	559,011	60	31	.7
Pittsburgh, Pa.	567,077	182,397	406,359	72	556,645	284,455	51	29	.5
Portland, Ore.	185,201	25,075	163,194	88	179,478	112,690	63	33	1.9
Rochester, N. Y.	136,325	12,997	128,084	94	133,414	76,056	57	35	.5
St. Louis, Mo.	470,316	131,978	356,510	76	461,846	215,292	47	24	.5
Salt Lake City, Utah	69,782	7,518	63,525	91	68,061	43,598	64	34	.5
San Antonio, Tex.	116,416	31,926	87,006	75	112,778	68,204	60	28	1.2
San Francisco-Oakland, Calif.	661,158	36,018	633,834	96	646,875	314,019	49	30	.5
Scranton-Wilkes-Barre, Pa.	148,802	36,049	110,419	78	145,324	71,910	49	23	.6
Seattle, Wash.	202,092	23,694	181,170	96	194,370	120,714	62	35	1.6
Toledo, Ohio	110,976	15,470	98,702	89	108,664	68,272	63	31	.8
Tulsa, Okla.	66,402	16,800	51,291	77	64,848	38,745	60	29	1.3
Washington, D. C.	350,966	45,050	315,380	90	343,440	135,892	40	50	.3
Worcester, Mass.	82,070	8,787	75,003	92	80,852	38,135	47	27	.3
Youngstown, Ohio	100,657	18,879	85,157	85	99,355	67,084	68	31	.2

¹ Data are for nonfarm tenant-occupied units only. For definition of median, see headnote, table 878.² Habitable, nonseasonable dwelling units for rent or for sale only, as a percent of total dwelling units.

Source: Department of Commerce, Bureau of the Census; Current Population Report, Housing, Series P-71, Numbers 1 to 35.

No. 882.—HOUSING CHARACTERISTICS FOR SELECTED METROPOLITAN DISTRICTS:
1940

[For metropolitan districts having a central city of 100,000 or more or a gross population of 150,000 or more. Monthly rental data exclude rural-farm dwelling units. See *Cities Supplement to Statistical Abstract* for summary statistics for specific cities.]

METROPOLITAN DISTRICT	All dwelling units	Median contract or estimated monthly rent, ¹	BATHING EQUIPMENT		All occupied units	OWNER OCCUPIED		OCCUPIED BY NONWHITE		
			Number reporting	With private bathtub or shower in structure		Number	Percent	Number	Percent	
				Num-ber						
Akron, Ohio	97,057	\$26.21	90,038	75,214	78.3	94,924	40,840	52.5	3,487	3.7
Albany - Schenectady										
Troy, N. Y.	129,464	27.52	128,095	103,430	80.8	122,327	50,574	41.3	1,467	1.2
Allentown - Bethlehem										
Easton, Pa.	85,923	25.10	85,038	57,037	67.8	83,636	36,675	43.9	484	.6
Atlanta, Ga.	121,441	18.74	119,009	67,452	56.2	117,384	38,211	32.6	1,150	20.1
Baltimore, Md.	289,060	27.53	283,991	215,888	76.0	271,670	117,967	43.4	43,271	15.0
Birmingham, Ala.	109,211	13.48	107,046	49,185	45.9	106,495	35,057	32.9	44,461	41.7
Boston, Mass.	651,192	32.33	640,184	503,915	88.1	606,279	219,192	36.2	11,529	1.9
Bridgeport, Conn.	60,301	28.77	50,143	40,678	84.0	57,478	21,511	37.4	1,147	2.0
Buffalo-Niagara, N. Y.	238,963	28.63	231,310	197,729	85.3	224,969	84,655	37.0	5,849	2.6
Canton, Ohio	54,307	27.54	53,778	42,520	79.1	53,281	28,130	52.8	1,727	3.2
Charlotte, N. C.	28,329	21.69	27,822	16,450	59.1	27,846	8,317	29.9	8,042	28.9
Chattanooga, Tenn.	50,300	15.04	49,754	25,100	50.4	48,786	18,292	37.5	10,374	21.3
Chicago, Ill.	1,254,345	33.30	1,272,840	1,004,793	83.7	1,237,297	374,277	30.2	87,739	7.1
Cincinnati, Ohio	241,557	26.49	238,766	164,777	69.0	228,594	92,028	40.3	20,922	0.2
Cleveland, Ohio	347,866	31.59	345,094	305,504	88.3	335,885	130,956	39.0	22,302	6.6
Columbus, Ohio	103,263	28.96	101,317	82,951	81.9	99,537	41,158	41.3	8,985	0.0
Dallas, Tex.	114,141	23.74	112,814	79,683	70.6	107,235	41,060	38.8	16,674	15.5
Davenport (Iowa)-Rock Island-Moline (Ill.)	50,407	20.80	50,040	32,314	64.6	40,530	23,894	48.2	6,677	1.4
Dayton, Ohio	77,166	29.22	76,159	53,015	69.6	75,510	34,306	45.4	5,301	7.1
Denver, Colo.	119,077	25.83	116,687	83,698	71.7	113,911	47,018	41.8	2,967	2.6
Des Moines, Iowa	55,103	25.63	53,033	34,566	64.1	53,264	27,201	51.2	1,856	3.5
Detroit, Mich.	617,902	33.60	611,394	524,115	85.7	594,688	266,049	44.9	30,455	6.0
Duluth (Minn.)-Superior (Wis.)	44,908	23.41	44,556	30,643	68.8	43,048	22,006	51.1	203	.5
Erie, Pa.	36,340	24.60	35,667	29,054	84.0	35,223	14,766	41.0	412	1.2
Fall River-New Bedford, Mass.	75,591	18.53	74,323	54,317	73.1	72,560	21,435	29.5	1,453	2.0
Flint, Mich.	51,303	26.74	50,014	33,761	66.8	49,829	28,556	57.3	1,074	3.4
Fort Wayne, Ind.	38,005	\$20.04	37,623	28,364	75.4	37,182	20,496	55.2	705	1.9
Fort Worth, Tex.	62,832	18.82	61,838	41,339	66.9	59,633	20,002	45.1	8,352	14.0
Grand Rapids, Mich.	61,166	23.70	60,420	48,068	79.6	59,204	31,322	52.9	838	1.4
Harrisburg, Pa.	47,770	28.72	47,281	34,868	73.7	46,378	20,165	43.5	2,668	5.8
Hartford-New Britain, Conn.	122,848	31.12	130,093	114,566	88.1	120,810	46,745	36.0	2,420	1.0
Houston, Tex.	149,351	24.04	146,397	102,914	70.3	141,345	57,017	41.0	28,622	20.2
Huntington (W. Va.)-Ashland (Ky.)	44,797	19.14	44,070	27,095	63.5	43,510	10,021	37.3	1,715	3.0
Indianapolis, Ind.	135,170	25.16	133,260	88,532	66.4	130,068	53,003	40.8	16,616	11.2
Jacksonville, Fla.	52,956	18.33	52,207	33,792	64.7	51,180	17,750	34.7	16,214	31.7
Johnstown, Pa.	36,316	20.39	36,080	19,606	54.3	35,736	14,072	41.0	569	1.6
Kansas City (Mo.)-Kansas City (Kans.)	202,122	22.65	198,687	137,537	69.2	188,690	75,177	39.8	20,430	10.8
Knoxville, Tenn.	39,143	16.23	38,880	19,322	49.7	37,877	15,584	41.1	4,425	11.7
Los Angeles, Calif.	990,492	29.32	987,045	903,601	91.5	930,921	376,610	40.5	34,646	3.7
Louisville, Ky.	126,043	10.76	124,831	75,613	60.6	120,293	40,307	41.1	16,478	13.7
Lowell-Lawrence-Haverhill, Mass.	92,148	22.44	90,439	72,905	80.0	86,555	31,715	36.6	2,278	.3
Memphis, Tenn.	93,823	15.75	91,869	42,803	46.6	91,319	29,194	32.0	30,837	43.6
Miami, Fla.	85,136	30.49	83,050	60,760	74.0	70,064	29,163	41.1	10,026	14.1
Milwaukee, Wis.	223,061	33.19	221,356	179,084	80.9	215,665	81,177	37.6	2,756	1.3
Minneapolis-St. Paul, Minn.	268,484	30.93	265,460	205,550	77.4	256,646	120,447	46.9	3,228	1.3
Nashville, Tenn.	66,061	17.32	65,307	31,040	48.9	63,574	23,568	37.1	15,040	23.7
New Haven, Conn.	88,623	28.25	87,624	74,774	85.3	81,768	30,562	37.4	2,331	2.9
New Orleans, La.	149,006	16.89	147,809	104,725	70.8	144,566	37,048	25.6	43,595	30.2
New York-Northeastern New Jersey	3,424,485	37.75	3,354,661	3,052,094	91.0	3,160,300	746,688	23.0	170,101	5.4
Norfolk-Portsmouth-Newport News, Va.	86,539	20.22	84,547	51,898	61.4	82,017	30,150	36.4	28,007	33.8

¹ For definition of median, see headnote, table 878.

No. 882.—HOUSING CHARACTERISTICS FOR SELECTED METROPOLITAN DISTRICTS:
1940—Continued

METROPOLITAN DISTRICT	All dwelling units	Median contract or estimated monthly rent ¹	BATHING EQUIPMENT		All occupied units	OWNER OCCUPIED		OCCUPIED BY NONWHITE		
			Number reporting	With private bathtub or shower in structure		Number	Percent	Number	Percent	
				Number						
Oklahoma City, Okla.	60,412	22.43	67,506	45,842	67.8	63,922	24,520	38.4	5,558	8.7
Omaha (Nebr.)-Council Bluffs (Iowa)	84,129	24.89	83,206	60,050	72.2	79,798	38,653	48.4	8,695	4.6
Peoria, Ill.	47,027	31.74	45,894	29,082	63.4	45,845	24,044	52.4	4,931	2.0
Philadelphia, Pa.	792,909	28.97	779,641	668,845	85.8	754,974	321,794	42.7	79,590	10.5
Pittsburgh, Pa.	512,538	25.60	607,028	291,801	57.6	602,064	196,544	39.1	28,602	5.7
Portland, Ore.	141,697	22.86	139,605	116,040	83.1	133,144	70,478	52.0	1,769	1.3
Providence, R. I.	107,927	23.48	196,507	155,347	79.1	186,372	68,811	36.9	3,050	1.6
Reading, Pa.	48,293	26.92	47,896	37,975	79.3	46,749	22,381	47.9	806	1.3
Richmond, Va.	60,624	24.05	65,637	41,686	63.5	64,885	24,256	37.7	17,467	27.1
Rochester, N. Y.	119,880	33.57	116,694	105,299	90.2	113,895	51,805	45.5	1,090	1.0
Sacramento, Calif.	49,366	29.46	48,701	30,372	80.8	47,157	24,288	51.6	2,215	4.7
Saginaw-Bay City, Mich.	42,690	23.89	41,893	28,316	67.6	40,039	25,629	62.6	3,974	2.4
St. Louis, Mo.	409,606	23.81	405,380	278,461	68.7	385,874	142,764	37.0	40,780	10.6
Salt Lake City, Utah	57,109	26.22	56,778	46,384	81.7	54,591	30,068	54.8	4,494	.9
San Antonio, Tex.	86,389	17.23	85,837	55,234	64.3	81,325	34,086	41.9	6,551	8.1
San Diego, Calif.	86,788	27.37	85,025	76,628	89.1	79,813	35,015	43.9	2,079	2.8
San Francisco-Oakland, Calif.	485,087	32.90	477,600	433,525	90.8	454,510	188,039	41.4	16,438	3.6
Scranton-Wilkes-Barre, Pa.	161,184	21.97	149,493	100,031	66.9	148,204	63,775	43.0	596	.4
Seattle, Wash.	164,295	25.30	161,032	131,009	81.4	153,220	76,131	49.7	4,504	2.9
South Bend, Ind.	40,963	25.28	40,607	30,483	75.1	40,058	22,056	55.1	908	2.5
Spokane, Wash.	47,284	21.75	46,773	36,070	77.1	44,083	25,051	56.8	384	.9
Springfield-Holyoke, Mass.	107,483	26.47	106,154	95,719	90.2	102,921	37,107	36.1	1,108	1.1
Syracuse, N. Y.	73,336	29.62	71,945	60,449	84.0	70,336	27,000	38.4	709	1.0
Tacoma, Wash.	63,310	20.15	52,742	41,332	78.4	49,508	29,768	60.0	870	1.8
Tampa - St. Petersburg, Fla.	73,572	20.03	72,553	55,432	76.4	61,660	27,638	44.8	10,196	16.5
Toledo, Ohio	90,011	27.52	98,297	82,241	83.7	95,900	47,604	49.9	3,985	4.1
Trenton, N. J.	60,310	28.72	49,692	40,167	80.8	49,112	21,771	44.3	2,802	5.7
Tulsa, Okla.	66,847	22.67	55,020	37,088	67.4	53,712	22,875	42.6	5,477	10.2
Utica-Rome, N. Y.	53,045	23.63	52,586	40,525	77.1	50,819	20,828	41.0	275	.5
Washington, D. C.	252,773	47.78	248,858	204,214	82.1	237,600	89,575	37.7	45,367	19.1
Wheeling, W. Va.	51,368	18.44	50,721	28,246	55.7	50,381	22,147	44.0	1,607	8.3
Wichita, Kans.	39,925	22.28	39,317	27,507	70.0	38,161	16,810	44.1	1,676	4.4
Wilmington, Del.	50,349	31.97	49,829	38,235	76.7	48,683	21,248	43.7	4,885	10.0
Worcester, Mass.	79,881	26.21	77,892	66,794	85.8	77,262	28,733	37.2	481	.6
Youngstown, Ohio	93,496	28.13	92,460	65,618	71.0	92,250	48,494	52.6	5,503	6.0

¹ For definition of median, see headnote, table 878.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.